

Recombinant Human SUGT1 protein ab103785

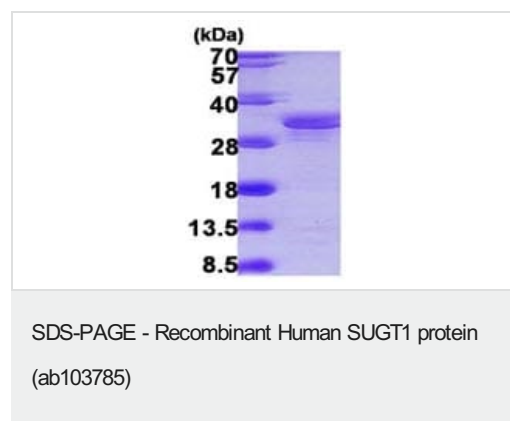
1 图像

|           |                                                                                                                                                                                                                                                                                                                        |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 描述        |                                                                                                                                                                                                                                                                                                                        |
| 产品名称      | 重组人SUGT1蛋白                                                                                                                                                                                                                                                                                                             |
| 纯度        | > 90 % SDS-PAGE.<br>ab103785 was purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.                                                                                                                           |
| 表达系统      | Escherichia coli                                                                                                                                                                                                                                                                                                       |
| Accession | <u>Q9Y2Z0</u>                                                                                                                                                                                                                                                                                                          |
| 蛋白长度      | Protein fragment                                                                                                                                                                                                                                                                                                       |
| 无动物成分     | No                                                                                                                                                                                                                                                                                                                     |
| 性质        | Recombinant                                                                                                                                                                                                                                                                                                            |
| 种属        | Human                                                                                                                                                                                                                                                                                                                  |
| 序列        | MGSSHHHHHHSSGLVPRGSHMHRVGQAGLQLLTSSDPPAL<br>DSQSAGITGA<br>DANFSVWIKRCQEAQNGSESEVWTHQSKIYDQWYQTESQVVI<br>TLMIKNVQ<br>KNDVNVEFSEKELSALVKLPAGEDYNLKELELLHPPIIEQSTF<br>KVLSTKIE<br>IKLKKPEAVRWEKLEGQGDVPTPKQFVADVKNLYPSSSPYTR<br>NWDKLVGE<br>IKEEEKNEKLEGDAALNRLFQQIYSDGSDEVKRAMNKSFMES<br>GGTVLSTN WSDVGKRKVEINPPDDMEWKKY |
| 预测分子量     | 31 kDa including tags                                                                                                                                                                                                                                                                                                  |
| 氨基酸       | 115 to 365                                                                                                                                                                                                                                                                                                             |
| 标签        | His tag N-Terminus                                                                                                                                                                                                                                                                                                     |

|                                                                                                                                      |                               |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| 技术指标                                                                                                                                 |                               |
| Our <b>Abpromise guarantee</b> covers the use of <b>ab103785</b> in the following tested applications.                               |                               |
| The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user. |                               |
| 应用                                                                                                                                   | Mass Spectrometry<br>SDS-PAGE |
| 质谱法                                                                                                                                  | MALDI-TOF                     |

|               |                                                                                                                                                                                                                                             |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>形式</b>     | Liquid                                                                                                                                                                                                                                      |
| <b>制备和贮存</b>  |                                                                                                                                                                                                                                             |
| <b>稳定性和存储</b> | <p>Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.</p> <p>pH: 8.00</p> <p>Constituents: 0.58% Sodium chloride, 20% Glycerol (glycerin, glycerine), 0.316% Tris HCl, 0.0154% DTT</p> |
| <b>常规信息</b>   |                                                                                                                                                                                                                                             |
| <b>功能</b>     | May play a role in ubiquitination and subsequent proteasomal degradation of target proteins.                                                                                                                                                |
| <b>序列相似性</b>  | <p>Belongs to the SGT1 family.</p> <p>Contains 1 CS domain.</p> <p>Contains 1 SGS domain.</p> <p>Contains 3 TPR repeats.</p>                                                                                                                |
| <b>结构域</b>    | The CS domain mediates interaction with HSP90.                                                                                                                                                                                              |
| <b>翻译后修饰</b>  | Phosphorylated at Ser-281 and Ser-331, dephosphorylation promotes nuclear translocation, most likely due to disruption of the SUGT1-HSP90 complex.                                                                                          |
| <b>细胞定位</b>   | Cytoplasm. Nucleus. Translocates to the nucleus upon heat shock, requiring S100A6.                                                                                                                                                          |

## 图片



15% SDS-PAGE analysis of 3µg ab103785.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors