

Product datasheet

Recombinant Human SAE1 protein ab96772

1 图像

概述

产品名称	重组人SAE1蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [Q9UBE0](#)

种属 Human

序列 MHHHHHHMAS MTGGQQMGRD LYDDDDKDRW  
 GSMVEKEEAG GGISEEEAAQ YDRQIRLWGL  
 EAQKRLRASR VLLVGLKGLG AEIAKNLILA  
 GVKGLTMLDH EQVTPEDPGA QFLIRTGSVG  
 RNRAEASLER AQNLNPMVDV KVDTEIEKK  
 PESFFTQFDA VCLTCCSRDV IVKVDQICHK  
 NSIKFFTGDV FGYHGYTFAN LGEHEFVEEK  
 TKVAKVSQGV EDGPDTKRAK LDSSETTMVK  
 KKVVFCPVKE ALEVDWSSEK AKAALKRTTS  
 DYFLLQVLLK FRTDKGRDPS SDTYEEDSEL  
 LLQIRNDVLD SLGISPDLLP EDFVRYCFSE  
 MAPVCAVVG ILAQEIVKAL SQRDPPHNNF  
 FFFDGMKGNG IVECLGPK

分子量 42 kDa including tags

氨基酸 1 to 346

标签 His tag N-Terminus , T7 tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab96772** 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

	SDS-PAGE
质谱法	MALDI-TOF-TOF
纯度	> 90 % SDS-PAGE. ab96772 is purified using conventional chromatography techniques.
形式	Liquid

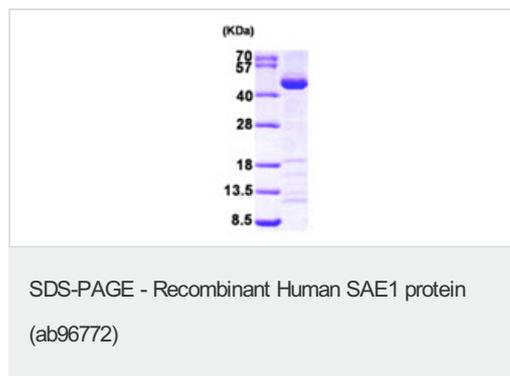
## 制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol
--------	---

## 常规信息

功能	The heterodimer acts as a E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2.
组织特异性	Expression level increases during S phase and drops in G2 phase (at protein level).
通路	Protein modification; protein sumoylation.
序列相似性	Belongs to the ubiquitin-activating E1 family.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Nucleus.

## 图片



15% SDS-PAGE showing ab96772 at approximately 42.2kDa (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## 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