

Recombinant human SIRT3 protein ab125810

1 References 5 图像

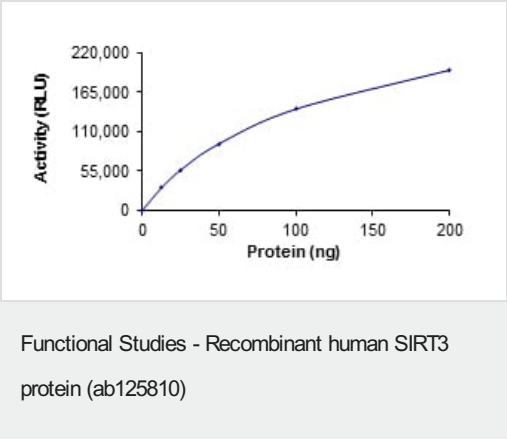
描述	
产品名称	重组人SIRT3蛋白
生物活性	The specific activity of ab125810 was determined to be 150 RLU/min/mg.
纯度	> 70 % Densitometry. Purity was determined to be >70% by densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<u>Q9NTG7</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	66 kDa including tags
氨基酸	47 to 399

技术指标	
Our Abpromise guarantee covers the use of ab125810 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Functional Studies SDS-PAGE
形式	Liquid

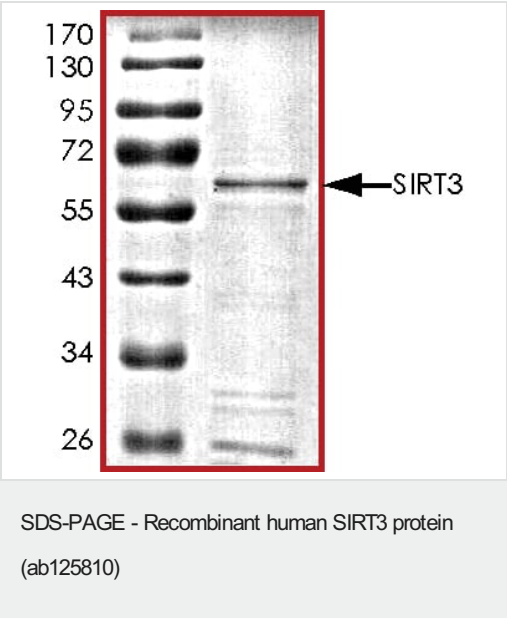
制备和贮存	
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.

功能	NAD-dependent protein deacetylase. Activates or deactivates mitochondrial target proteins by deacetylating key lysine residues. Known targets include ACSS1, IDH, GDH, SOD2, PDHA1, LCAD, SDHA and the ATP synthase subunit ATP5O. Contributes to the regulation of the cellular energy metabolism. Important for regulating tissue-specific ATP levels.
组织特异性	Widely expressed.
序列相似性	Belongs to the sirtuin family. Class I subfamily. Contains 1 deacetylase sirtuin-type domain.
翻译后修饰	Processed by mitochondrial processing peptidase (MPP) to give a 28 kDa product. Such processing is probably essential for its enzymatic activity.
细胞定位	Mitochondrion matrix.

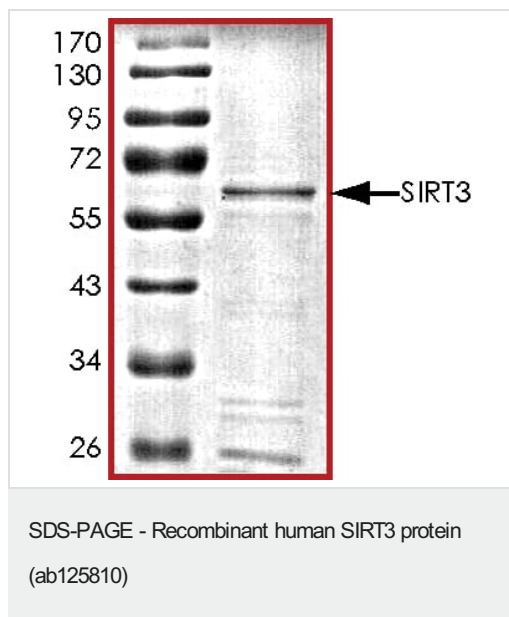
图片



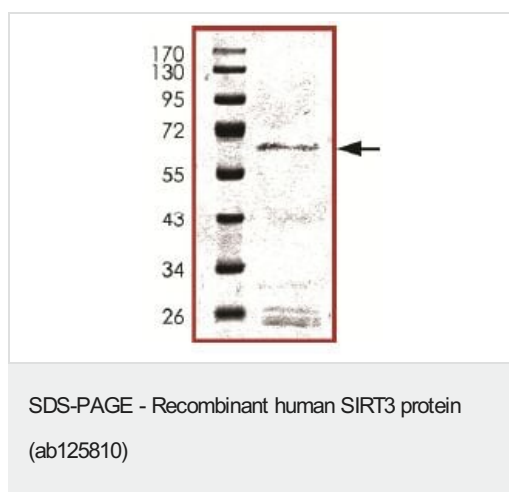
The specific activity of SIRT3 (ab125810) was determined to be 145 RLU/min/mg as per activity assay protocol



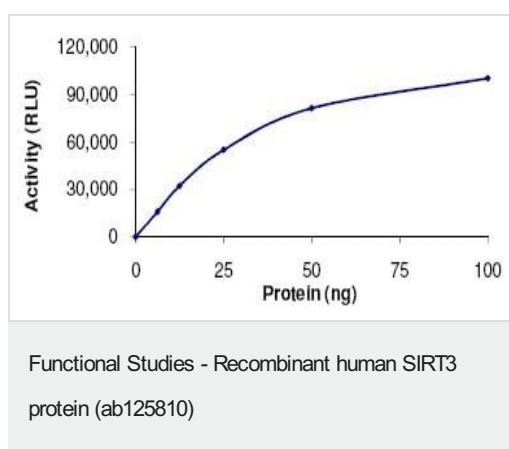
SDS PAGE analysis of ab125810



SDS PAGE analysis of ab125810



SDS-PAGE analysis of ab125810.



The specific activity of ab125810 was determined to be 150 RLU/min/mg.

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