

Recombinant Human SIRT3 protein ab97951

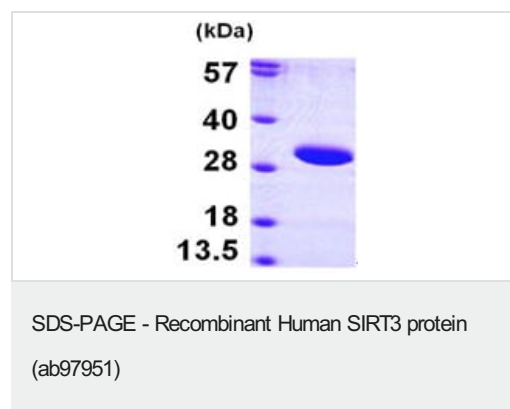
1 References 1 图像

描述	
产品名称	重组人SIRT3蛋白
纯度	> 95 % SDS-PAGE. ab97951 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>Q9NTG7</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHHSSGLVPRGSHMSDKGKLSLQDVAELIRARA CQRVVVMVGA GISTPSGIPDFRSPGSGLYSNLQQYDLPYPEAIFELPFFF HNPKPFFTLAKELYPGNYKPNVTHYFLRLLHDKGLLLRLYTQ NIDGLERV SGIPASKLVEAHGTFASATCTVCQRPFGEDIRADVMADRV RCPVCTGV VKPDIVFFGEPLPQRFLLHVVD FPMADLLLILGTSLEVEPFA SLTEAVRS SVPRLLINRDLVGPLAWHPRSRDVAQLGDVVHGVESLVELLG WTEEMRDL VQRETGKLDGPKD
预测分子量	34 kDa including tags
氨基酸	118 to 399
标签	His tag N-Terminus

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab97951</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	SDS-PAGE  Mass Spectrometry
质谱法	MALDI-TOF-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: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride</p>
<b>常规信息</b>	
<b>功能</b>	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.
<b>组织特异性</b>	Widely expressed.
<b>序列相似性</b>	<p>Belongs to the sirtuin family. Class I subfamily.</p> <p>Contains 1 deacetylase sirtuin-type domain.</p>
<b>翻译后修饰</b>	Processed by mitochondrial processing peptidase (MPP) to give a 28 kDa product. Such processing is probably essential for its enzymatic activity.
<b>细胞定位</b>	Mitochondrion matrix.

## 图片



15% SDS-PAGE showing ab97951 at approximately 33.5kDa (3μg).

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

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