

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	MHHHHHMAS MTGGQQMGRD LYDDDDKDRW GSMVEKEEAG GGISEEEAAQ YDRQIRLWGL EAQKRLRASR VLLVGLKGLG AEIAKNLILA GVKGLTMLDH EQVTPEDPGA QFLIRTGSVG RNRAEASLER AQNLNPMVDV KVDTEIEKK PESFFTQFDA VCLTCCSRDV IVKVDQICHK NSIKFFTGDV FGYHGYTFAN LGEHEFVEEK TKVAKVSQGV EDGPDTKRAK LDSSETTMVK KKVVFPCVKE ALEVDWSSEK AKAALKRTTS DYFLLQVLLK FRTDKGRDPS SDTYEEDSEL LLQIRNDVLD SLGISPDLLP EDFVRYCFSE MAPVCAVGG 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
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	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. Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
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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).

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