abcam

Product datasheet

Recombinant Human SAE1 protein ab96772

1 References 1 图像

描述

产**品名称** 重组人SAE1蛋白

纯**度** > 90 % SDS-PAGE.

ab96772 is purified using conventional chromatography techniques.

表达系统 Escherichia coli

Accession Q9UBE0

蛋白长度 Full length protein

无动物成分 No

性质 Recombinant

种属 Human

序列 MHHHHHHMAS MTGGQQMGRD LYDDDDKDRW

GSMVEKEEAG GGISEEAAQ YDRQIRLWGL
EAQKRLRASR VLLVGLKGLG AEIAKNLILA
GVKGLTMLDH EQVTPEDPGA QFLIRTGSVG
RNRAEASLER AQNLNPMVDV KVDTEDIEKK
PESFFTQFDA VCLTCCSRDV IVKVDQICHK
NSIKFFTGDV FGYHGYTFAN LGEHEFVEEK
TKVAKVSQGV EDGPDTKRAK LDSSETTMVK
KKVVFCPVKE ALEVDWSSEK AKAALKRTTS
DYFLLQVLLK FRTDKGRDPS SDTYEEDSEL
LLQIRNDVLD SLGISPDLLP EDFVRYCFSE

MAPVCAVVGG ILAQEIVKAL SQRDPPHNNF

FFFDGMKGNG IVECLGPK

预测分子量 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

1

质谱法 MALDI-TOF-TOF

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 HCI, 10% Glycerol (glycerin, glycerine)

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).

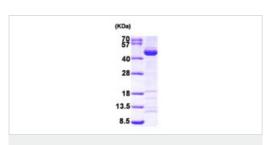
通路 Protein modification; protein sumoylation.

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



SDS-PAGE - Recombinant Human SAE1 protein

(ab96772)

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

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