

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

SAE1, 1-346aa, Human, His-T7 tag, E.coli

产品货号: TP03846

第三版

别名:SUMO1 activating enzyme subunit 1, AOS1, HSPC140, SUA1, UBLE1A

描述:SAE1, also known as AOS1, belongs to the ubiquitin-activating E1 family of proteins and plays an important role in the first step of the UBL1 conjugation pathway. Proteins conjugated to Ub are marked for progressive degradation by the 26S Proteasome. SAE1, which is a dimeric enzyme, functions as a UBL1 E1 ligase mediating the ATP-dependent activation of UBL1.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

分子量:42.2 kDa (378aa) confirmed by MALDI-TOF

序列:

MHHHHHHMASMTGGQQMGRDLYDDDDKDRWGSMVEKEEAGGGISEEEAAQYDRQIRLWGLEAQKRLRASRVLLVG
LKGLGAEIAKNLILAGVKGLTMLDHEQVTPEDPGAQFLIRTGSGVGRNRAEASLERAQNLNPMVDVKVDTEIEKKPESFFT
QFDAVCLTCCSRDVIVKVDQICHKNSIKFFTGDVFGYHGYTFANLGEHEFVEEKTQVAKVSQGVEDGPDTKRAKLDSSSET
TMVKKKVVFCPVKEALEVDWSSEKAKAALKRTTSDYFLLQVLLKFRDQGRDPSSDTYEEDSELLLQIRNDVLDLGLISPD
LPEDFVRYCFSEMAPVCAVVGILAQEIVKALSQRDPPHNNFFFFDGMKGNIGIVECLGPK

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.