

Recombinant Human SAE1 Protein, MYC/DDK-tagged

Cat. No. SAE1-222H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SAE1 protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Posttranslational modification of proteins by the addition of the small protein SUMO (see SUMO1; MIM 601912), or sumoylation, regulates protein structure and intracellular localization. SAE1 and UBA2 (MIM 613295) form a heterodimer that functions as a SUMO-activating enzyme for the sumoylation of proteins (Okuma et al., 1999 [PubMed 9920803]).[supplied by OMIM, Mar 2010].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	32.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	SUMO1 activating enzyme subunit 1 [Homo sapiens]
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Official Symbol	SAE1
Synonyms	AOS1; HSPC140; SUA1; UBLE1A
Gene ID	10055
mRNA Refseq	NM_001145713.1
Protein Refseq	NP_001139185.1
MIM	613294
UniProt ID	Q9UBE0

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