

Recombinant Human SAE1 protein(Met1-Lys346), His&GST-tagged

Cat. No. SAE1-8623H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SAE1 (Q9UBE0) (Met1-Lys346) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Lys346
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human SAE1 /GST chimera consists of 583 amino acids and has a calculated molecular mass of 66.3 kDa. The recombinant protein migRates as an approximately 61 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [SAE1 SUMO1 activating enzyme subunit 1 \[Homo sapiens \]](#)

Official Symbol [SAE1](#)

Synonyms SAE1; SUMO1 activating enzyme subunit 1; SUMO-activating enzyme subunit 1; activator Of sumo 1; AOS1; FLJ3091; Sua1; activator of SUMO1; SUMO-1 activating enzyme subunit 1; sentrin/SUMO-activating protein AOS1; SUMO-1 activating enzyme E1 N subunit; ubiquitin-like 1-activating enzyme E1A; ubiquitin-like protein SUMO-1 activating enzyme; SUA1; UBLE1A; HSPC140;

Gene ID [10055](#)

mRNA Refseq [NM_001145713](#)

Protein Refseq [NP_001139185](#)

MIM [613294](#)

UniProt ID [Q9UBE0](#)

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