

Recombinant Human SAE1 protein

Cat. No. SAE1-1985H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SAE1 protein(Q9UBE0)(Met1-Lys346) was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Lys346
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human CRIP2 consists of 348 amino acids and predicts a molecular mass of 38.6 KDa. It migrates as an approximately 39 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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