

## Recombinant Human ESAM protein, His-tagged

Cat. No. ESAM-2241H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ESAM protein(Met 1-Ala 248)(NP_620411.2) precursor was expressed in HEK293, with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-248 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Molecular Mass</b>	The recombinant human ESAM consists of 230 amino acids and predicts a molecular mass of 25.4 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rh ESAM is approximately 35-40 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**GENE INFORMATION**

<b>Gene Name</b>	ESAM endothelial cell adhesion molecule [ Homo sapiens ]
<b>Official Symbol</b>	ESAM
<b>Synonyms</b>	ESAM; endothelial cell adhesion molecule; endothelial cell-selective adhesion molecule; W117m; 2310008D05Rik; LP4791 protein; HUEL (C4orf1)-interacting protein;
<b>Gene ID</b>	90952
<b>mRNA Refseq</b>	NM_138961
<b>Protein Refseq</b>	NP_620411
<b>MIM</b>	614281
<b>UniProt ID</b>	Q96AP7

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