

Recombinant Human ESAM protein, hFc-tagged

Cat. No. ESAM-2328H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ESAM protein(Met 1-Ala 248) of human ESAM (NP_620411.2) precursor was expressed in HEK293 with the fused Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-248 aa
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5.
Molecular Mass	The recombinant human ESAM/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 457 amino acids and predicts a molecular mass of 50.5 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rh ESAM/Fc monomer is approximately 65-70 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	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.

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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 [ESAM endothelial cell adhesion molecule \[Homo sapiens \]](#)

Official Symbol [ESAM](#)

Synonyms ESAM; endothelial cell adhesion molecule; endothelial cell-selective adhesion molecule; W117m; 2310008D05Rik; LP4791 protein; HUEL (C4orf1)-interacting protein;

Gene ID [90952](#)

mRNA Refseq [NM_138961](#)

Protein Refseq [NP_620411](#)

MIM [614281](#)

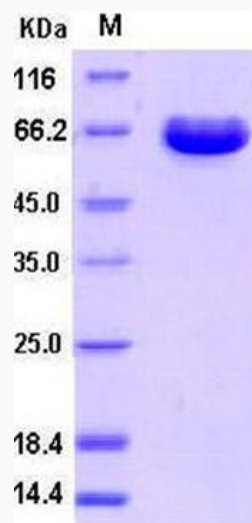
UniProt ID [Q96AP7](#)

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SDS-PAGE



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