

Recombinant Mouse ESAM Protein, His-tagged

Cat. No. ESAM-943M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse ESAM (Q925F2) (Met 1-Ala 251) was expressed, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-251 a.a.
Predicted N Terminal	Gln 30
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse ESAM comprises 233 amino acids and has a calculated molecular mass of 25.6 kDa. As a result of different glycosylation, the apparent molecular mass of the recombinant protein is approximately 33-43 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>92 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

Esam endothelial cell-specific adhesion molecule [*Mus musculus*]

Official Symbol

ESAM

Synonyms

ESAM; endothelial cell-specific adhesion molecule; endothelial cell-selective adhesion molecule; Esam1; W117m; 2310008D05Rik;

Gene ID

69524

mRNA Refseq

NM_027102

Protein Refseq

NP_081378

MIM
UniProt ID
Pathway

Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Leukocyte transendothel

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