

Active Recombinant Mouse Sele protein, hFc-tagged

Cat. No. Sele-1972M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sele protein(NP_035475.1)(Met1-Pro564), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Pro564
Form	Lyophilized from sterile PBS, pH 7.4. 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.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When cells are added to coated plates (10 µg/ml, 100 µl/well), approximately 50% will adhere specifically after 60 minutes at 37 °C.
Molecular Mass	The recombinant mouse SELE/Fc is a disulfide-linked homodimer. The reduced monomer comprises 777 amino acids and has a predicted molecular mass of 85.5 kDa. The apparent molecular mass of the protein is approximately 101 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 90 % 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.
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	Sele selectin, endothelial cell [Mus musculus]
Official Symbol	Sele
Synonyms	SELE; selectin, endothelial cell; E-selectin; ELAM-1; LECAM2; CD62 antigen-like family member E; endothelial leukocyte adhesion molecule 1; leukocyte-endothelial cell adhesion molecule 2; Elam; CD62E;
Gene ID	20339
mRNA Refseq	NM_011345
Protein Refseq	NP_035475

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