

## Recombinant Mouse Sele protein(Met1-Pro564), His-tagged

Cat. No. Sele-8680M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse SELE (NP_035475.1) (Met1-Pro564) was expressed in HEK293 with a C-terminal polyhistidine tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-564 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When 5 x 10E4 cells/well are added to mouse E-Selectin coated plates (2 µg/mL with 100 µL/well), approximately 30%-60% cells will adhere for 1 hour incubation at 37°C.
<b>Molecular Mass</b>	The recombinant mouse SELE comprises 547 amino acids and has a predicted molecular mass of 60 kDa. The apparent molecular mass of the protein is approximately 70-80 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE

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**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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