

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

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

SPECIFICATION

Product Overview	Recombinant Mouse SELE (NP_035475.1) (Met1-Pro564) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-564 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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