

Active Recombinant Mouse Sell Protein, His & Fc-tagged

Cat. No. Sell-831M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain (Met 1-Asn 332) of mouse SELL (NP_035476.1) precursor was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-332 a.a.
Predicted N Terminal	Trp 39
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
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 SELL coated plates (10 µg/mL, 100 µL/well) approximately >60% cells will adhere specifically.
Molecular Mass	The recombinant mouse SELL/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 542 amino acids and has a predicted molecular mass of 61 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm SELL/Fc monomer is approximately 100-110 kDa 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.
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 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	Sell selectin, lymphocyte [<i>Mus musculus</i>]
Official Symbol	Sell
Synonyms	SELL; selectin, lymphocyte; L-selectin; LAM-1; LECAM1; lymphocyte antigen 22; lymph node homing receptor; leukocyte adhesion molecule 1; CD62 antigen-like family member L; lymphocyte surface MEL-14 antigen; leukocyte-endothelial cell adhesion molecule 1;
Gene ID	20343
mRNA Refseq	NM_001164059
Protein Refseq	NP_001157531
MIM	
UniProt ID	
Pathway	Adaptive Immune System, organism-specific biosystem; Cell adhesion molecules

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

Function

binding; cell adhesion molecule binding; glycolipid binding; protease binding; protein binding; sugar binding;

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