

## Active Recombinant Mouse Sell Protein, His & Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-332 a.a.
<b>Predicted N Terminal</b>	Trp 39
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.

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<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	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.
<b>Reconstitution</b>	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

<b>Gene Name</b>	<a href="#">Sell selectin, lymphocyte [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Sell</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">20343</a>
<b>mRNA Refseq</b>	<a href="#">NM_001164059</a>
<b>Protein Refseq</b>	<a href="#">NP_001157531</a>
<b>MIM</b>	
<b>UniProt ID</b>	
<b>Pathway</b>	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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