

## Recombinant Mouse Selp, Fc-tagged

Cat. No. Selp-534M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the mouse SELP (NP_035477.1) (Met1-Ala709) was expressed with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	Human Cells
<b>ProteinLength</b>	Met1-Ala709
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Molecular Mass</b>	The recombinant mouse SELP comprises 909 amino acids and has a predicted molecular mass of 99.6 kDa. The apparent molecular mass of the protein is approximately 134.5 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % 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 -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Hardcopy of COA with reconstitution instruction is sent along with the products.

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## GENE INFORMATION

**Gene Name** [Selp selectin, platelet \[ Mus musculus \]](#)

**Official Symbol** [Selp](#)

**Synonyms** SELP; selectin, platelet; P-selectin; granule membrane protein 140; CD62 antigen-like family member P; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; Grmp; CD62P; LECAM3; PADGEM; GMP-140; MGC129336; MGC129337;

**Gene ID** [20344](#)

**mRNA Refseq** [NM\\_011347](#)

**Protein Refseq** [NP\\_035477](#)

**Pathway** Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; IL-3 Signaling Pathway, organism-specific biosystem; Malaria, organism-specific biosystem; Malaria, conserved biosystem;

**Function** binding; calcium-dependent protein binding; eukaryotic cell surface binding; fucose binding; glycoprotein binding; heparin binding; lipopolysaccharide binding; oligosaccharide binding; protein binding; sialic acid binding; sialic acid binding; sugar bindi

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