

Recombinant Mouse SelpIg protein(Met1-Cys307), hFc-tagged

Cat. No. SelpIg-7020M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SELPLG (Q62170) (Met 1-Cys 307) was in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Cys307
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse SELPLG/Fc is a disulfide-linked homodimer. The reduced monomer comprises 531 amino acids and has a calculated molecular mass of 57.4 kDa. As a result of glycosylation, the apparent molecular mass of rmSELPLG/Fc monomer is approximately 82 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
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.

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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 Selplg selectin, platelet (p-selectin) ligand [*Mus musculus*]

Official Symbol Selplg

Synonyms

SELPLG; selectin, platelet (p-selectin) ligand; P-selectin glycoprotein ligand 1; selectin P ligand; P-selectin glycoprotein ligand-1; CD162; Psgl1; Selp1; Selpl; Psgl-1;

Gene ID 20345

mRNA Refseq NM_009151

Protein Refseq NP_033177

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