

## Active Recombinant Human SELPLG Protein, Fc-tagged

Cat. No. SELPLG-242H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SELPLG protein (Gln42-Val295) with Fc fragment of a Human IgG1 (Pro100-Lys330) at C-terminus was expressed in Chinese hamster hvary cell line.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	42-295 a.a.
<b>Predicted N Terminal</b>	Gln42
<b>Form</b>	Disulfide-linked homodimer
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of CHO Chinese hamster ovary cells transfected with P-Selectin. Recombinant Human PSGL-1/CD162 immobilized at 3 µg/mL (100 µL/well) will induce >70% adhesion of CHO Chinese hamster ovary cells transfected with P-Selectin.
<b>Molecular Mass</b>	52.6 kDa (monomer)
<b>Endotoxin</b>	<0.10 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

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**Storage**

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.  
 12 months from date of receipt, -20 to -70 centigrade as supplied.  
 1 month, 2 to 8 centigrade under sterile conditions after reconstitution.  
 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Storage Buffer** Lyophilized from a 0.2 µm filtered solution in Tris and NaCl.

**Reconstitution** Reconstitute at 100 µg/mL in sterile PBS.

**Shipping** The product is shipped at ambient temperature.

## GENE INFORMATION

**Gene Name** SELPLG selectin P ligand [ Homo sapiens (human) ]

**Official Symbol** SELPLG

**Synonyms** SELPLG; selectin P ligand; CLA; CD162; PSGL1; PSGL-1; P-selectin glycoprotein ligand 1; cutaneous lymphocyte-associated associated antigen

**Gene ID** 6404

**mRNA Refseq** NM\_003006

**Protein Refseq** NP\_002997

**MIM** 600738

**UniProt ID** Q14242

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