

Active Recombinant Human SELPLG Protein, Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	CHO
ProteinLength	42-295 a.a.
Predicted N Terminal	Gln42
Form	Disulfide-linked homodimer
Bio-activity	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.
Molecular Mass	52.6 kDa (monomer)
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>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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