

## Recombinant Human SELPLG protein(Met1-Val295), His&hFc-tagged

**Cat. No.** SELPLG-834H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PSGL-1(AAC50061.1)(Met1-Val295) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Val295
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human PSGL-1/Fc is a disulfide-linked homodimer after removal of the signal peptide and the prppeptide. The reduced monomer consists of 526 amino acids and has a predicted molecular mass of 57.1 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh PSGL-1/Fc monomer is approximately 110-120 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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.

**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 P ligand [ Homo sapiens ]

**Official Symbol** SELPLG

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

**Gene ID** 6404

**mRNA Refseq** NM\_001206609


**Protein Refseq** NP\_001193538

**MIM** 600738

**UniProt ID** Q14242

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