

## Active Recombinant Human SELPLG protein, His-tagged

Cat. No. SELPLG-533H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SELPLG protein(Gln 42 - Cys 320), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln 42 - Cys 320
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
<b>Bio-activity</b>	Human PSGL-1, His Tag immobilized on CM5 Chip can bind Human B7-H5, Fc Tag with an affinity constant of 0.213 µM as determined in a SPR assay (Biacore T200).
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 30.7 kDa. The protein migrates as 55-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions after reconstitution.

**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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