

## Recombinant Human SELPLG protein, T7/His-tagged

**Cat. No.** SELPLG-93H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human CD162 cDNA (18 – 320 aa, Isoform-II, derived from BC029782), fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 18-320 a.a.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | 1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MASMTGGGQMGRGHHHHHHENLYFQGGTRLQLWDTWADEAEKALGPLLARDRR<br>QATEYEYLDYDFLPETEPPEML RNSTDTPLTGPGTPESTTVEPAARRSTGLDAGG<br>AVTELTTELANMGNLSTDSAAMEIQTTQPAATEAQTTQPVP TEAQTTPLAATEAQTT<br>RLTATEAQTTPLAATEAQTTPPAATEAQTTQPTGLEAQTTAPAAMEAQTTAPAAMEA<br>QT TPPAAMEAQTTQTTAMEAQTTAPEATEAQTTQPTATEAQTTPLAAMEALSTEPS<br>ATEALSMEPTTKRGLFIPFSV SSVTHKGIPMAASNLSVNYPVGAPDHISVKQC |
| <b>Purity</b>           | >90% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>     | 1. May be used for in vitro non-glycosylated CD162 protein mediated P-selectin related tumor metastasis regulation study with this protein as either coating matrix protein or soluble factor.2. May be used as CD162 protein-protein interaction assay.3.                                                                                                          |

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

As enzymatic substrate for various proteases.4. As antigen for specific antibody production.

**Storage**

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

## 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

**Chromosome Location**

12q24

**Pathway**

Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem;

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Staphylococcus aureus infection, organism-specific biosystem

**Function**

bacterial cell surface binding; protein binding; receptor binding;

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