

Recombinant Human SELPLG protein, T7/His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	18-320 a.a.
Form	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.
AA Sequence	MASMTGGGQMGRGHHHHHHENLYFQGGTRLQLWDTWADEAEKALGPLLARDRR QATEYEYLDYDFLPETEPPEML RNSTDTPLTGPGTPESTTVEPAARRSTGLDAGG AVTELTTELANMGNLSTDSAAMEIQTTQPAATEAQTTQPVP TEAQTTPLAATEAQTT RLTATEAQTTPLAATEAQTTPPAATEAQTTQPTGLEAQTTAPAAMEAQTTAPAAMEA QT TPPAAMEAQTTQTTAMEAQTTAPEATEAQTTQPTATEAQTTPLAAMEALSTEPS ATEALSMEPTTKRGLFIPFSV SSVTHKGIPMAASNLSVNYPVGAPDHISVKQC
Purity	>90% by SDS-PAGE
Applications	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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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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