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Datasheet for ABIN7319481 **SELPLG Protein (Fc Tag)**

Overview

Quantity:	50 µg
Target:	SELPLG
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SELPLG protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human PSGL-1/CD162 Protein (Fc Tag)
Sequence:	Thr44-Gly295
Characteristics:	Recombinant Human PSGL-1 is produced by our Mammalian expression system and the target gene encoding Thr44-Gly295 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SELPLG
Alternative Name:	PSGL-1/CD162 (SELPLG Products)
Background:	Background: PSGL-1 (CD162), is a mucintype glycoprotein that plays a key role in leukocyte adhesion. Human PSGL-1 cDNA encodes 412 amino acids (aa). It expressed on neutrophils, monocytes and most lymphocytes. The mature PSGL-1 (aa 42-412) is expressed as a disulfide-

Target Details

linked homodimer that signals intracellularly and promotes integrin activation. PSGL-1 is found on virtually all leukocytes, dendritic cells, platelets, and some endothelial cells. It is primarily responsible for early events in extravasation, especially rolling adhesion of leukocytes to vascular endothelium. Through high affinity, This SLe(x)-type proteoglycanPSGL-1 calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation.

Synonym: P-selectin glycoprotein ligand 1, PSGL-1, Selectin P ligand, CD162, SELPLG,CLA,PSGL1

Molecular Weight: 52.7 kDa

UniProt: [Q14242](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris,150 mM NaCl, pH 8.0.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.