

Product datasheet for **TP727816**

CD162 (SELPLG) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human P-selectin Glycoprotein Ligand 1/PSGL-1/CD162 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Thr44-Gly295
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Note:	Recombinant Human P-selectin Glycoprotein Ligand 1 is produced by our Mammalian expression system and the target gene encoding Gln42-Gly295 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	6404
UniProt ID:	Q14242
Summary:	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-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 proteoglycanPGSL-1 calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation.



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