

**Product Name: Recombinant Human PSGL-1 (C-Fc)**  
**Catalog #: PHH1871**



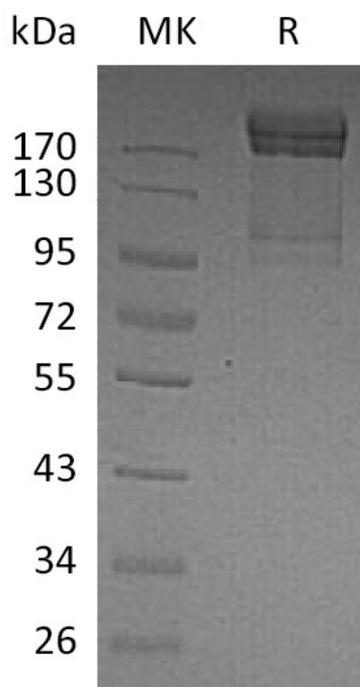
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## Summary

<b>Name</b>	PSGL-1/CD162/SELPLG/P-selectin Glycoprotein Ligand 1
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	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 human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	Q14242
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	52.9 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### **Alternative Names**

P-selectin glycoprotein ligand 1; PSGL-1; Selectin P ligand; CD162; SELPLG

### **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-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.

### **Note**

For Research Use Only , Not for Diagnostic Use.