

**Product Name: Recombinant Mouse PSGL-1 (C-Fc)**  
**Catalog #: PHM0299**

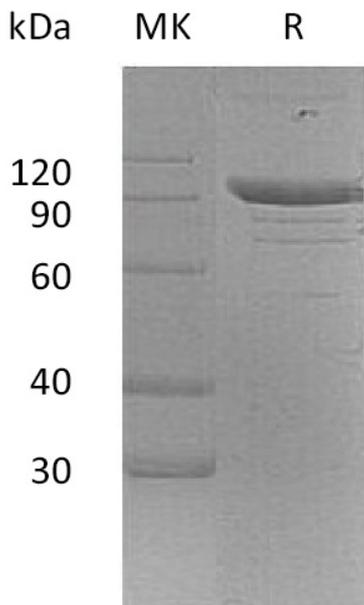


## Summary

<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 Mouse P-selectin Glycoprotein Ligand 1 is produced by our Mammalian expression system and the target gene encoding Gln42-Cys307 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	CAA62583.1
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	54.7 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<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

CLA; CD162; PSGL1; PSGL-1

### Background

P-selectin glycoprotein ligand 1 is the high affinity counter-receptor for P-selectin on expressed on activated endothelial cells and platelets. As such, it plays a critical role in the tethering of these cells to activated platelets or endothelia expressing P-selectin. As cell adhesion molecules, multiple studies have shown that PSGL-1/ P-selectin interaction is required for the normal recruitment of leukocytes during inflammatory reactions, and also participates in hemostatic responses. PSGL-1 can also bind to other two members of the selectin family, E-selectin (endothelial) and L-selectin (leukocyte), but binds best to P-selectin.

### Note

For Research Use Only , Not for Diagnostic Use.