

Recombinant Mouse P-selectin Glycoprotein Ligand 1 (Selplg), C-Fc

Cat. No.: AP2C639

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse P-selectin Glycoprotein Ligand 1 (Selplg), C-Fc is a recombinant protein expressed from Human Cells. Its predicted molecular weight is 41.8 kDa. The purity is >90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	Human Cells
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	41.8 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse P-selectin Glycoprotein Ligand 1 (Selplg), also known as CD162, is a glycoprotein expressed on the surface of leukocytes and platelets that mediates cell adhesion and rolling during inflammation and hemostasis. Selplg interacts with P-selectin on endothelial cells and platelets, facilitating leukocyte tethering and rolling at sites of vascular injury or inflammation. In mice, Selplg plays a crucial role in the recruitment of leukocytes to sites of infection and tissue damage, contributing to the initiation and propagation of immune responses. Research on Selplg in mice has provided insights into its functions in leukocyte trafficking, inflammation, and thrombosis, highlighting its importance as a therapeutic target for inflammatory and thrombotic diseases.

Protein	Mouse P-selectin Glycoprotein Ligand 1 (Selplg)
Protein Synonym	Selectin P ligand; CD162; PSGL-1
Gene ID	20345
UniProt ID	Q62170

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.