

RP02487B

Leader in Biomolecular Solutions for Life Science



Biotinylated Recombinant Human P-Selectin/SELP/CD62P Protein

Catalog No.: RP02487B

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	6403	P16109

Tags

C-His&Avi

Synonyms

CD62; CD62P; GMP140; GRMP; LECAM3; PADGEM; PSEL; CD62P/P-selectin; SELP; CD62P; GMP140; GRMP; LE CAM3; PADGEM; PSEL

Product Information

Source

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization. Contact us for

Background

Human P-Selectin is a cell surface glycoprotein expressed by activated platelets and endothelial cells. A SLe(x)-type proteoglycan, which through high affinity, calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation.

Basic Information

Description

Biotinylated Recombinant Human P-Selectin/SELP/CD62P Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Trp42-Ala771) of Human P-Selectin/SELP/CD62P fused with His tag and Avi tag at the C-terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

customized product form or formulation.

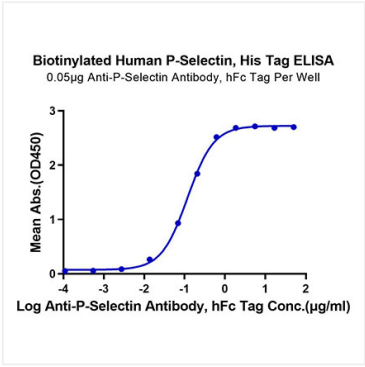
Reconstitution

Centrifuge the tube before opening.
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

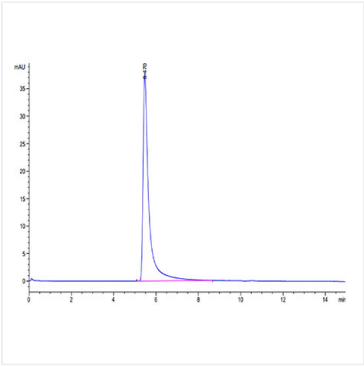
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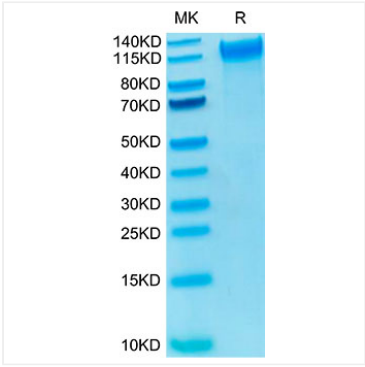
www.abclonal.com



Immobilized Anti-P-selectin Antibody, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human P-Selectin, His Tag with the EC₅₀ of 0.11µg/ml determined by ELISA.



The purity of Biotinylated Human P-Selectin is greater than 95% as determined by SEC-HPLC.



Biotinylated Recombinant Human P-Selectin/SELP/CD62P Protein was determined by Tris-Bis PAGE under reducing conditions.