Biotinylated Recombinant Human P-Selectin/SELP /CD62P Protein

Catalog No.: RP02487B

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Sequence Information

Species
Human

Gene ID
6403

Swiss Prot
P16109

Tags
C-His&Avi

Synonyms
CD62, CD62P, GMP140, GRMP, LECAM3, PADGEM, PSEL,CD62P/P-selectin,SELP,CD62P,GMP140, GRMP,LECAM3,PADGEM,PSEL

Product Information

Source
HEK293 cells

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

Calculated MW
82.9 kDa

Observed MW
115-140 kDa

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 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5%

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.

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.

Storage
Store at -20℃

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

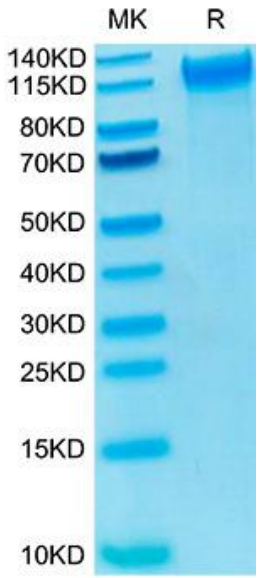
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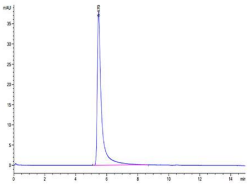
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Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

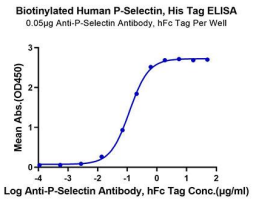
Validation Data



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



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



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 EC_{50} of 0.11μg/ml determined by ELISA.