

Datasheet for ABIN7275558

P-Selectin Protein (His-Avi Tag,Biotin)

4 Images

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Overview

Quantity:	100 µg
Target:	P-Selectin (SELP)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P-Selectin protein is labelled with His-Avi Tag,Biotin.

Product Details

Sequence:	Trp42-Ala771
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	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. See testing image for detail.

Target Details

Target:	P-Selectin (SELP)
Alternative Name:	P-Selectin (SELP Products)
Background:	FLJ45155, GMP140, GRMP, PADGEM, PSEL, P-Selectin, SELP, CD62P, CD62, LECAM3,Human P-Selectin (GMP-140, LECAM-3, PADGEM, CD62P), a member of the Selectin family, is a cell

Target Details

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.

Molecular Weight: 82.9 kDa. Due to glycosylation, the protein migrates to 115-140 kDa based on Tris-Bis PAGE result.

UniProt: [P16109](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

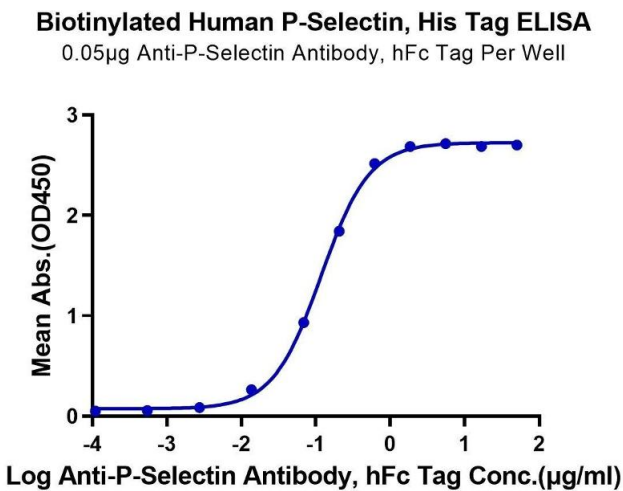
Reconstitution: Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % saccharose is added as protectant before lyophilization.

Storage: 4 °C,-80 °C

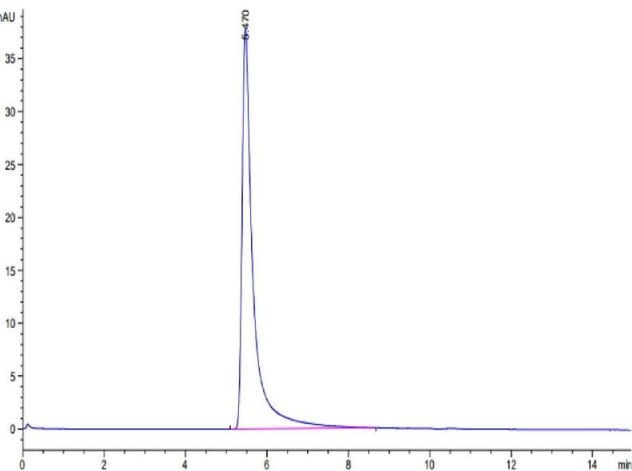
Storage Comment: Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Expiry Date: 12 months



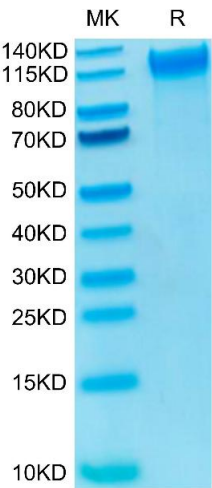
ELISA

Image 1. Immobilized Anti-P-selectin Antibody, hFc Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Human P-Selectin, His Tag with the EC50 of 0.11 µg/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Biotinylated Human P-Selectin is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 3. Biotinylated Human P-Selectin on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275558.