

Recombinant Human SELP protein, His-Avi-tagged, Biotinylated

Cat. No. SELP-109HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human SELP protein(P16109)(Trp42-Ala771), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Trp42-Ala771
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% saccharose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human P-Selectin, His Tag at 1ug/ml (100ul/Well) on streptavidin (5ug/ml) precoated plate. Dose response curve for Anti-P-Selectin Antibody, hFc Tag with the EC50 of 2.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 82.9 kDa. Due to glycosylation, the protein migrates to 115-140 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	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.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

Gene Name	SELP selectin P (granule membrane protein 140kDa, antigen CD62) [Homo sapiens]
Official Symbol	SELP
Synonyms	SELP; selectin P (granule membrane protein 140kDa, antigen CD62); GRMP, selectin P (granule membrane protein 140kD, antigen CD62); P-selectin; CD62; CD62P; GMP140; PADGEM; PSEL; GMP-140; granule membrane protein 140; granulocyte membrane protein; CD62 antigen-like family member P; platelet alpha-granule membrane protein; leukocyte-endothelial cell adhesion molecule 3; platelet activation dependent granule-external membrane protein; GRMP; LECAM3; FLJ45155;
Gene ID	6403
mRNA Refseq	NM_003005
Protein Refseq	NP_002996

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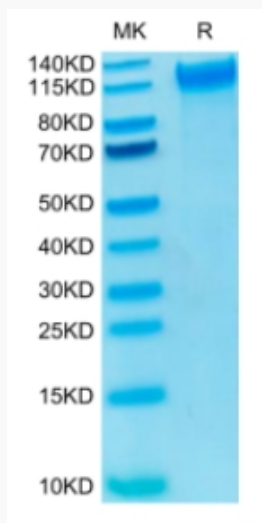
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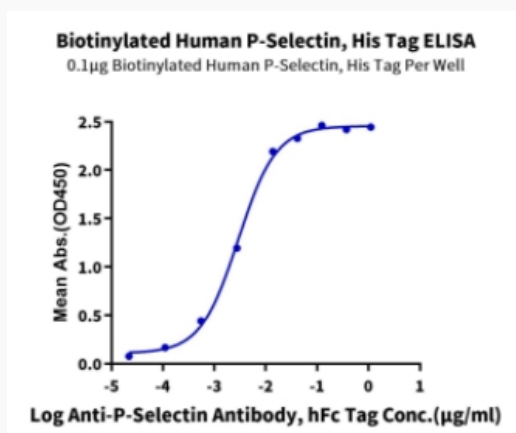
UniProt ID

P16109

Tris-Bis PAGE



ELISA Data



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