

Recombinant Human selectin P, His-tagged

Cat. No. SELP-282H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human P-selectin comprises a 566 amino acid fragment (197-761) corresponding to the cysteine rich complement control protein domain and is expressed in E. coli with an amino-terminal hexahistidine tag.
Species	Human
Source	E.coli
ProteinLength	197-761 a.a.
Description	P-Selectin belongs to a family of divalent cationdependent carbohydrate-binding glycoproteins or adhesion molecules. P-Selectin is expressed transiently on the surface of activated platelets and endothelial cells. Secreted P-selectin is thought to play a key role in the adhesion of platelets to monocytes and neutrophils during an inflammatory response. Levels of P-Selectin may be elevated in a number of pathological conditions.
Purity	>95% by SDS-PAGE
Form	Liquid
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

GENE INFORMATION

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Gene Name	SELP selectin P (granule membrane protein 140kDa, antigen CD62) [Homo sapiens]
Synonyms	P-SEL; Platelet Alpha-Granule Membrane Protein; CD62; CD62P; Granulocyte Membrane Protein GRMP; GMP140; LECAM-3; SELP; FLJ45155; GRMP; PADGEM; PSEL; selectin P (granule membrane protein 140kDa, antigen CD62); LECAM3; selectin P; OTTHUMP00000032609; granulocyte membrane protein; platelet alpha-granule membrane protein; leukocyte-endothelial cell adhesion molecule 3; CD62 antigen-like family member P; CD62P antigen; Granule membrane protein 140; selectin P (granule membrane protein 140kD, antigen CD62).
Gene ID	6403
mRNA Refseq	NM_003005
Protein Refseq	NP_002996
MIM	173610
UniProt ID	P16109
Chromosome Location	1q22-q25
Pathway	Cell adhesion molecules (CAMs); Hemostasis; Signaling in Immune system
Function	fucose binding; glycosphingolipid binding; heparin binding; lipopolysaccharide binding; oligosaccharide binding; protein binding; sialic acid binding; sugar binding
PDBrendering based on pdb 1gsr. Available	

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structures:1fsb,1g1q,1g

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