

Datasheet for ABIN5608410

P-Selectin Protein (partial) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	P-Selectin (SELP)
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P-Selectin protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Sequence:	Trp 42 - Ala 771
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per ug by the LAL method.

Target Details

Target:	P-Selectin (SELP)
Alternative Name:	P-Selectin (SELP Products)
Background:	P-selectin (SELP) is also known as CD62 antigen-like family member P, granule membrane protein 140 (GMP-140), leukocyte-endothelial cell adhesion molecule 3 (LECAM3) and platelet activation dependent granule-external membrane protein (PADGEM). SELP functions as a cell adhesion molecule (CAM) on the surfaces of activated endothelial cells, which line the inner

Target Details

surface of blood vessels, and activated platelets. In unactivated endothelial cells, it is stored in granules called Weibel-Palade bodies. In unactivated platelets SELP is stored in alpha-granules. The primary ligand for SELP is P-selectin glycoprotein ligand-1 (PSGL-1) which is expressed on almost all leukocytes, although P-selectin also binds to heparan sulfate and fucoidan. Furthermore, SELP has a functional role in metastasis of tumor similar to E-selectin, which can help cancer cells invade into bloodstream for metastasis and provided locally with multiple growth factors respectively.

Molecular Weight: 81.8 kDa

Gene ID: 6403

UniProt: [P16109](#)

Application Details

Application Notes: This recombinant protein can be used for WB.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C, -80 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.