

Datasheet for ABIN5608411

## P-Selectin Protein (partial) (Fc Tag)



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### 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 Fc 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 ( <a href="#">SELP Products</a> )                                                                                                                                                                                                                                                                                                                              |
| 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: 106.6 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: 50 mM Tris, 100 mM Glycine, pH 7.5

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.