

Datasheet for ABIN7197882  
**P-Selectin Protein (Fc Tag)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	P-Selectin (SELP)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This P-Selectin protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Human SELP/selectin P/P-selectin Protein (Fc Tag)(Active)
Sequence:	Met 1-Ala 771
Characteristics:	A DNA sequence encoding the human SELP (AAN06828.1) extracellular domain (Met 1-Ala 771) was fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When 5 x 10E4 cells/well are added to SELP/Fc Chimera coated plates (10 µg/mL with 100 µL/well), > 80% cells will adhere after 1 hour at 37°C.

## Target Details

Target:	P-Selectin (SELP)
---------	-------------------

## Target Details

---

Alternative Name: SELP/selectin P/P-selectin ([SELP Products](#))

---

Background: P selectin (SELP) is a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. SELP mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1. P selectin is a cell adhesion molecule on the surface of activated endothelial cells. Cellular adhesion molecules are a large family of proteins that attach the cytoskeleton and intracellular signaling cascades with the extracellular environment. SELP is a calcium-dependent receptor for myeloid cells that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes.

Synonym: CD62,CD62P,GMP140,GRMP,LECAM3,P-Selectin,PADGEM,PSEL

---

Molecular Weight: 107 kDa

---

## Application Details

---

Restrictions: For Research Use only

---

## Handling

---

Format: Lyophilized

---

Reconstitution: Please refer to the printed manual for detailed information.

---

Buffer: Lyophilized from sterile PBS, pH 7.4

---

Storage: 4 °C,-20 °C,-80 °C

---

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

---