

[Go to Product page](#)

Datasheet for ABIN7504496

**P-Selectin Protein (AA 42-771) (His tag)**

## Overview

Quantity:	100 µg
Target:	P-Selectin (SELP)
Protein Characteristics:	AA 42-771
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P-Selectin protein is labelled with His tag.

## Product Details

Purpose:	Human P-Selectin/CD62P Protein
Sequence:	Trp42-Ala771
Characteristics:	Recombinant Human P-Selectin/CD62P Protein is expressed from HEK293 with His tag at the C-terminus. It contains Trp42-Ala771.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	P-Selectin (SELP)
Alternative Name:	P-Selectin ( <a href="#">SELP Products</a> )

## Target Details

Background:	Human P-Selectin (GMP-140, LECAM-3, PADGEM, CD62P), a member of the Selectin family, is a cell surface glycoprotein expressed by activated platelets and endothelial cells. A SLe(x)-type proteoglycan, which through high affinity, calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation.
Molecular Weight:	81.05 kDa. Due to glycosylation, the protein migrates to 110-140 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P16109</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months