

Datasheet for ABIN7275560

**P-Selectin Protein (AA 42-709) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	P-Selectin (SELP)
Protein Characteristics:	AA 42-709
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This P-Selectin protein is labelled with His tag.

## Product Details

Purpose:	Mouse P-Selectin/CD62P Protein
Sequence:	Trp42-Ala709
Characteristics:	Recombinant Mouse P-Selectin/CD62P Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Trp42-Ala709.
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:** P-selectin is critical in the progression of atherosclerosis as evidenced by knockout animal models where P-selectin knockout mice crossed with apoE deficient mice exhibit significantly reduced atherosclerosis and leukocyte recruitment in the plaque. A soluble form of P-selectin also exists, which may have pro-atherogenic and pro-thrombotic effects. Thus targeting of P-selectin remains a strong clinical candidate for developing novel therapeutic strategies in inflammatory diseases.

**Molecular Weight:** 81.1 kDa. Due to glycosylation, the protein migrates to 110-130 kDa based on Tris-Bis PAGE result.

**UniProt:** [Q01102](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

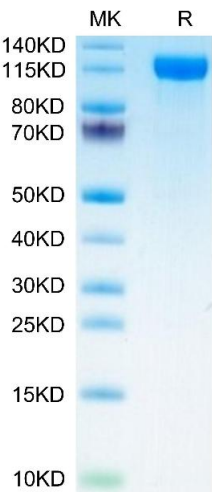
**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

**Buffer:** Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

**Storage:** -20 °C,-80 °C

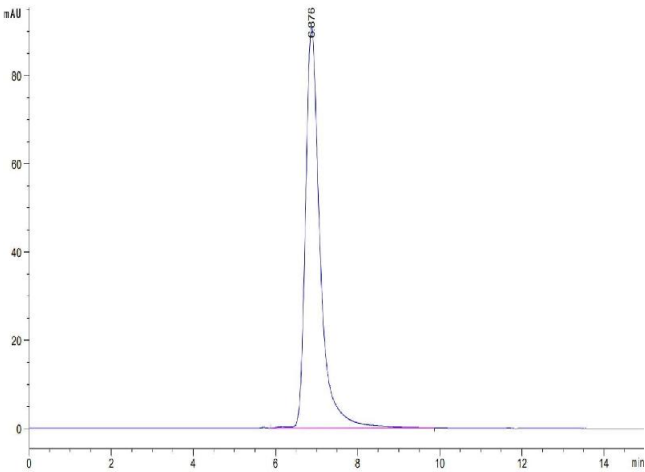
**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months



SDS-PAGE

**Image 1.** Mouse P-Selectin/CD62P on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse P-Selectin/CD62P is greater than 95 % as determined by SEC-HPLC.