

# Mouse P-Selectin/CD62P Protein

Cat. No. SEL-MM10P

## Description

<b>Source</b>	Recombinant Mouse P-Selectin/CD62P Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Trp42-Ala709.
<b>Accession</b>	Q01102
<b>Molecular Weight</b>	The protein has a predicted MW of 81.1 kDa. Due to glycosylation, the protein migrates to 110-130 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

## Formulation and Storage

<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state 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.

## 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.

## Assay Data

### Tris-Bis PAGE



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

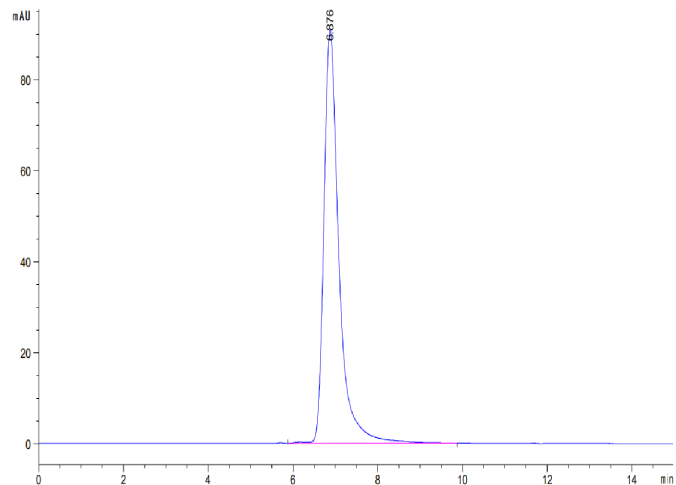
### SEC-HPLC

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## Assay Data



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