

# Biotinylated Human PSGL-1 Protein

Cat. No. PSG-HM462B

## Description

<b>Source</b>	Recombinant Biotinylated Human PSGL-1 Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gln42-Cys320.
<b>Accession</b>	Q14242-1
<b>Molecular Weight</b>	The protein has a predicted MW of 31.74 kDa. Due to glycosylation, the protein migrates to 75-85 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	>95% as determined by Bis-Tris PAGE >95% as determined by HPLC

## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at $-80^{\circ}\text{C}$ . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

P-selectin glycoprotein ligand-1 (PSGL-1) has long been studied as an adhesion molecule involved in immune cell trafficking and is recognized as a regulator of many facets of immune responses by myeloid cells. PSGL-1 also regulates T cell migration during homeostasis and inflammatory settings.

## Assay Data

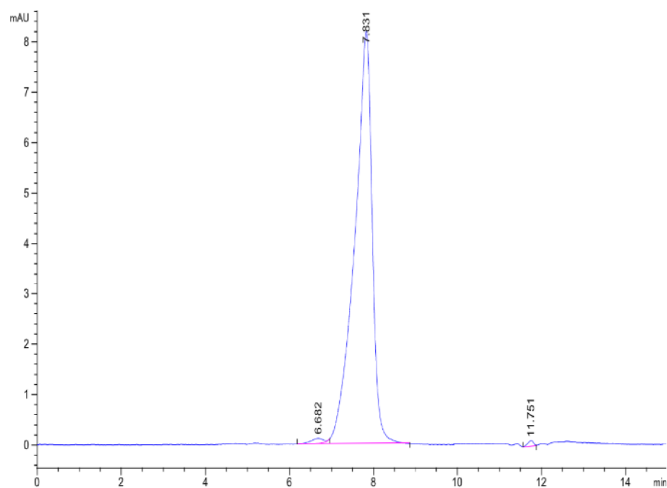
### Bis-Tris PAGE



Biotinylated Human PSGL-1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC

Assay Data



The purity of Biotinylated Human PSGL-1 is greater than 95% as determined by SEC-HPLC.