Human PSGL-1 Protein

Cat. No. PSG-HM162

Description

Source	Recombinant Human PSGL-1 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Gln42-Cys320.
Accession	Q14242-1
Molecular Weight	The protein has a predicted MW of 30 kDa. Due to glycosylation, the protein migrates to 75-120 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

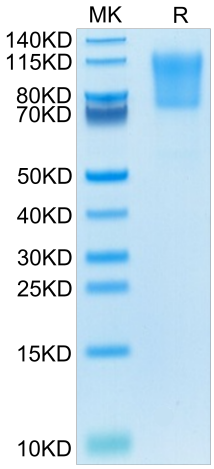
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-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 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

Tris-Bis PAGE



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