

Cynomolgus PSGL-1 Protein

Cat. No. PSG-CM162



Description

Source	Recombinant Cynomolgus PSGL-1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu34-Cys356.
Accession	A0A7N9CVJ8
Molecular Weight	The protein has a predicted MW of 34.57 kDa. Due to glycosylation, the protein migrates to 72-82 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris 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. -80°C for 3 months 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

Bis-Tris PAGE



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