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Datasheet for ABIN7275487

SELPLG Protein (AA 42-307) (His tag)

2 Images

Overview

Quantity:	100 µg
Target:	SELPLG
Protein Characteristics:	AA 42-307
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SELPLG protein is labelled with His tag.

Product Details

Purpose:	Mouse PSGL-1 Protein
Sequence:	Gln42-Cys307
Characteristics:	Recombinant Mouse PSGL-1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln42-Cys307.
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:	SELPLG
Alternative Name:	PSGL-1 (SELPLG Products)

Target Details

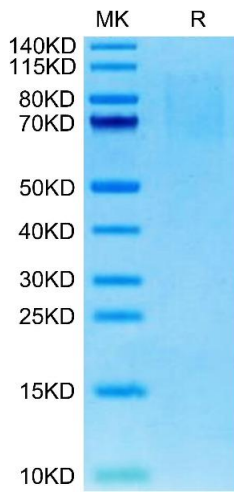
Background:	P-selectin glycoprotein ligand-1 (PSGL-1) has long been studied as an adhesion molecule involved in immune cell trafficking and is recognized as a regulator of many facets of immune responses by myeloid cells. PSGL-1 also regulates T cell migration during homeostasis and inflammatory settings.
Molecular Weight:	28.74 kDa. Due to glycosylation, the protein migrates to 68-108 kDa based on Tris-Bis PAGE result.
UniProt:	Q62170

Application Details

Restrictions:	For Research Use only
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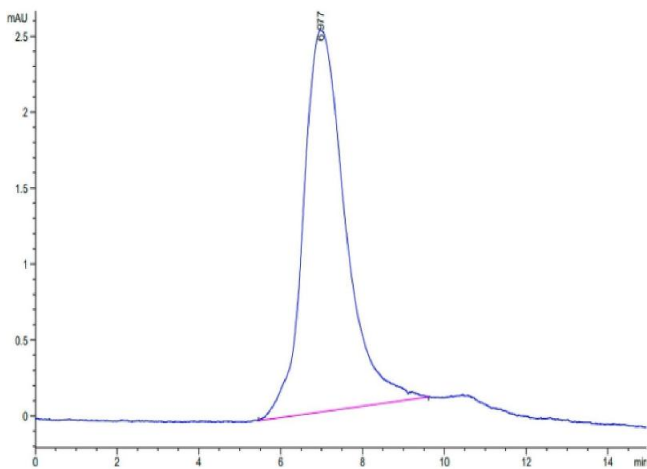
Handling

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 PSGL-1 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 PSGL-1 is greater than 95 % as determined by SEC-HPLC.