Datasheet for ABIN7275617

SLAMF6 Protein (AA 20-225) (His tag)

2 Images

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Overview

Quantity:	100 µg
Target:	SLAMF6
Protein Characteristics:	AA 20-225
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLAMF6 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus SLAMF6/NTB-A Protein
Sequence:	Val20-Lys225
Characteristics:	Recombinant Cynomolgus SLAMF6/NTB-A Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Val20-Lys225.
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:	SLAMF6
Alternative Name:	SLAMF6 (SLAMF6 Products)

Target Details

Background:	SLAMF6 (signaling lymphocyte activation molecule 6) (Ly108 in mice, NTB-A or SF2000 in humans) is a homophilic receptor belonging to the superfamily immunoglobulin (Ig) domain-containing molecules. It is known to be widely and exclusively expressed on hematopoietic cells. The SLAMF6 intracellular portion is characterized by two ITSMs that act as binding sites for adaptor molecules such as SAP and EAT-2.
Molecular Weight:	23.98 kDa. Due to glycosylation, the protein migrates to 37-50 kDa based on Tris-Bis PAGE result.
UniProt:	G7NWD4

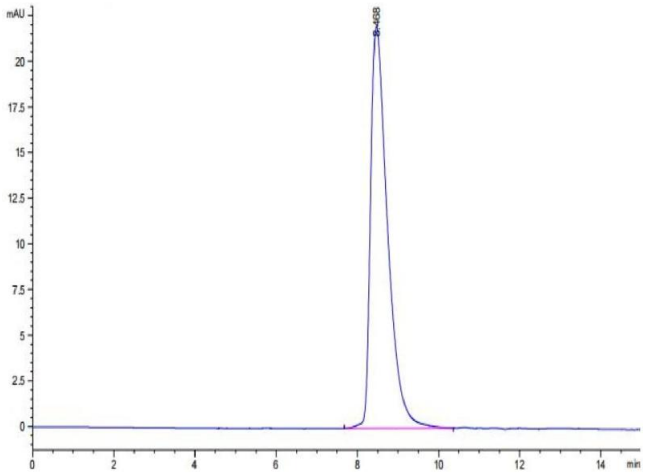
Application Details

Restrictions:	For Research Use only

Handling

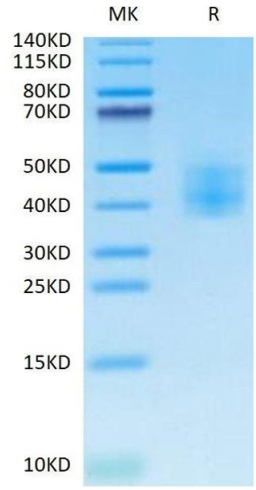
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant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

Images



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Cynomolgus SLAMF6 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Cynomolgus SLAMF6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .