

Cynomolgus SLAMF6/NTB-A Protein, Ultra Low Endotoxin

Cat. No. SLA-CM1F6-UL

Description

Source	Recombinant Cynomolgus SLAMF6/NTB-A Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val20-Lys225.
Accession	G7NWD4
Molecular Weight	The protein has a predicted MW of 23.98 kDa. Due to glycosylation, the protein migrates to 37-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

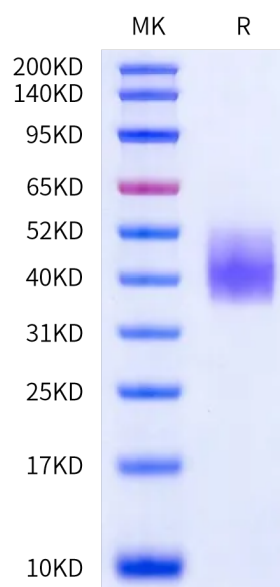
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 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

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.

Assay Data

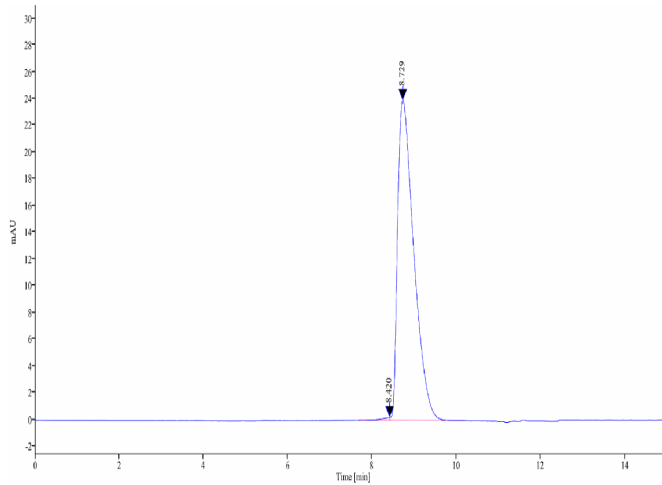
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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