

Mouse SLAMF6/NTB-A Protein

Cat. No. SLA-MM2F6

Description

Source	Recombinant Mouse SLAMF6/NTB-A Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Glu31-Asn239.
Accession	Q9ET39-1
Molecular Weight	The protein has a predicted MW of 49.8 kDa. Due to glycosylation, the protein migrates to 65-75 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 > 95% as determined by HPLC

Formulation and Storage

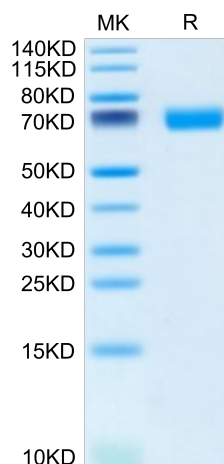
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). 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 avoid freeze-thaw cycles.

Background

Targeting of SLAMF6 affected tumor growth not only in B cell-related leukemia and lymphomas but also in nonhematopoietic tumors such as B16 melanoma, where SLAMF6 is not expressed. Taken together, anti-SLAMF6 both effectively corrected CD8 T-cell dysfunction and had a direct effect on tumor progression. The outcomes of our studies suggest that targeting SLAMF6 is a potential therapeutic strategy.

Assay Data

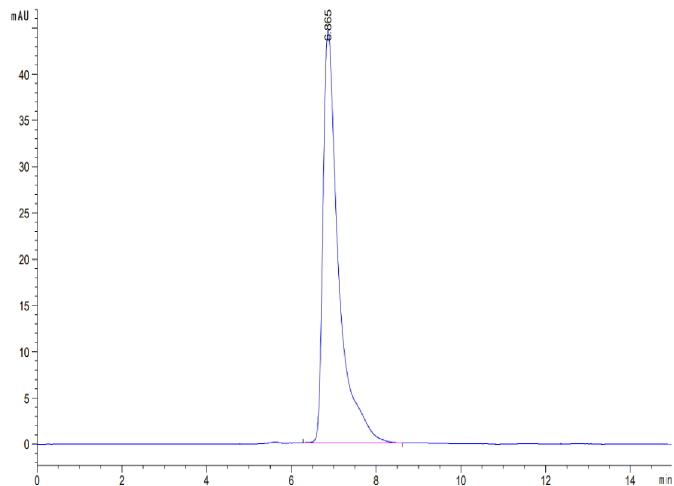
Tris-Bis PAGE



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

SEC-HPLC

Assay Data



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