Biotinylated Human SLAMF1/SLAM/CD150 Protein

Cat. No. SLA-HM4MFB

Description

Source	Recombinant Biotinylated Human SLAMF1/SLAM/CD150 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
	It contains Ala21-Pro237.
Accession	Q13291-1
Molecular Weight	The protein has a predicted MW of 27.2 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

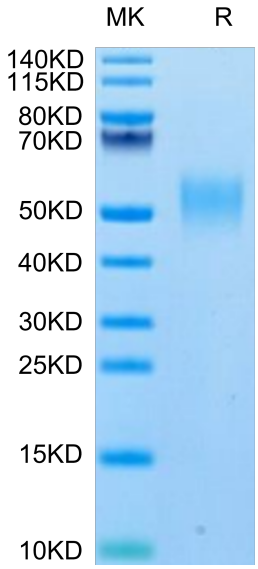
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled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

SLAMF1/CD150 receptor is a founder of signaling lymphocyte activation molecule (SLAM) family of cell-surface receptors. It is widely expressed on cells within hematopoietic system. In hematologic malignancies CD150 cell surface expression is restricted to cutaneous T-cell lymphomas, few types of B-cell non-Hodgkin's lymphoma, near half of cases of chronic lymphocytic leukemia, Hodgkin's lymphoma, and multiple myeloma.

Assay Data

Bis-Tris PAGE



Biotinylated Human SLAMF1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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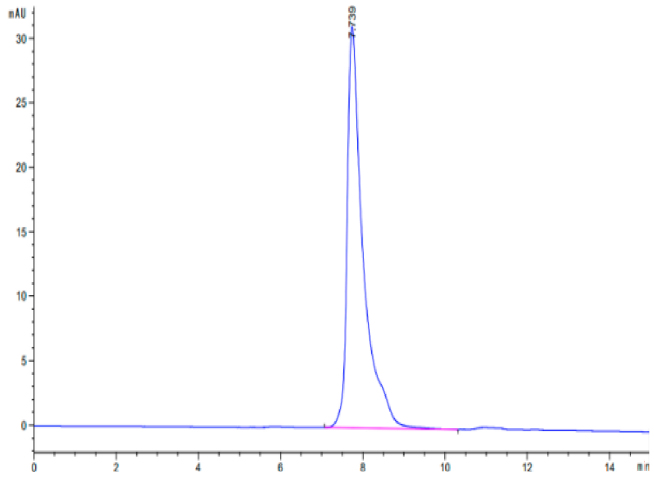
Assay Data



The purity of Biotinylated Human SLAMF1 is greater than 95% as determined by SEC-HPLC.