Human CD84/SLAMF5 Protein

Cat. No. CD8-HM484

Description

Source	Recombinant Human CD84/SLAMF5 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
	It contains Lys22-Gly225.
Accession	Q9UIB8-1
Molecular Weight	The protein has a predicted MW of 25.4 kDa. Due to glycosylation, the protein migrates to 40-55 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

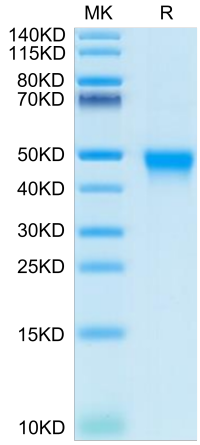
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled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

Chronic lymphocytic leukemia (CLL) is characterized by the accumulation of CD5 B lymphocytes in peripheral blood, lymphoid organs and bone marrow. The main feature of the disease is accumulation of the malignant cells due to decreased apoptosis. CD84 belongs to the signaling lymphocyte activating molecule family of immunoreceptors, and has an unknown function in CLL cells.

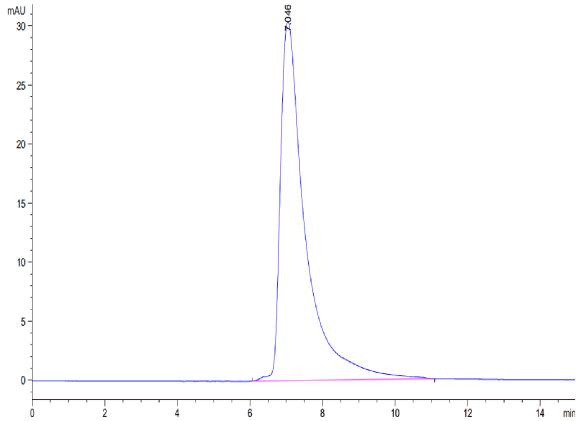
Assay Data

Bis-Tris PAGE



Human CD84 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Human CD84 is greater than 95% as determined by SEC-HPLC.