

Human CD84/SLAMF5 Protein



Cat. No. CD8-HM284

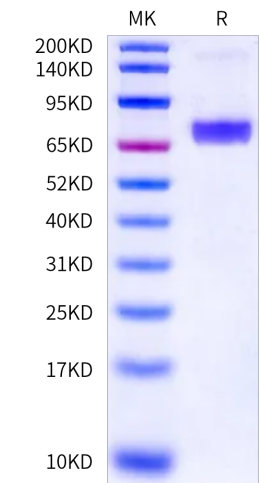
Description	
Source	Recombinant Human CD84/SLAMF5 Protein is expressed from HEK293 with hFc (IgG1) tag at the C-terminus. It contains Lys22-Gly225.
Accession	Q9UIB8-1
Molecular Weight	The protein has a predicted MW of 48.73 kDa. Due to glycosylation, the protein migrates to 65-85 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 80% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Lyophilized from 0.22 µm 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	
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 80%.