

Cynomolgus CD43 Protein

Cat. No. CD4-CM143



Description

Source	Recombinant Cynomolgus CD43 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Asp20-Leu253.
Accession	XP_005591704.2
Molecular Weight	The protein has a predicted MW of 24.11 kDa. Due to glycosylation, the protein migrates to 90-120 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

Formulation and Storage

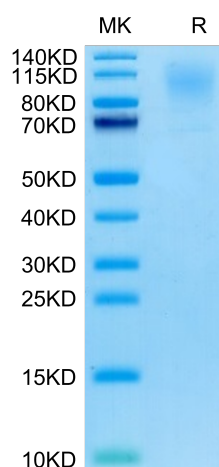
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -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 minimize freeze-thaw cycles.

Background

CD43 (leukosialin) is a large sialoglycoprotein abundantly expressed on the surface of most cells from the hematopoietic lineage. CD43 is directly involved in the contact between cells participating in a series of events such as signaling, adherence and host parasite interactions. The induction of acute myocarditis involves the engagement of CD43 cytoplasmic tripeptide sequence KRR to ezrin-radixin-moesin cytoskeletal proteins.

Assay Data

Tris-Bis PAGE



Cynomolgus CD43 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.