

Human CD43 Protein, Ultra Low Endotoxin



Cat. No. CD4-HM143-UL

Description

Source	Recombinant Human CD43 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser20-Arg253.
Accession	P16150
Molecular Weight	The protein has a predicted MW of 24.5 kDa. Due to glycosylation, the protein migrates to 50-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE

Formulation and Storage

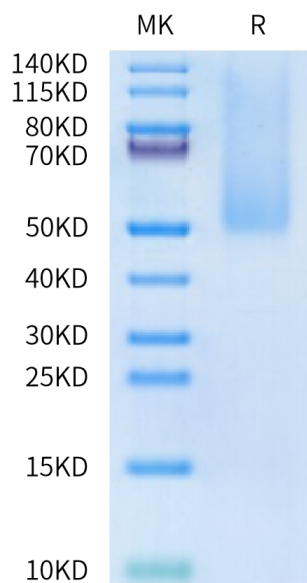
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 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

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

Bis-Tris PAGE



Human CD43 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.