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Datasheet for ABIN7454213

CD43 Protein (AA 20-253) (His tag)



Overview

Quantity:	100 μg
Target:	CD43 (SPN)
Protein Characteristics:	AA 20-253
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD43 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus CD43 Protein
Sequence:	Asp20-Leu253
Characteristics:	Recombinant Cynomolgus CD43 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Asp20-Leu253.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.

Target Details

Target:	CD43 (SPN)
Alternative Name:	CD43 (SPN Products)

Target Details

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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-moiesin cytoskeletal proteins.
Molecular Weight:	24.11 kDa. Due to glycosylation, the protein migrates to 90-120 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_005591704
Pathways:	Regulation of Leukocyte Mediated Immunity
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months 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.
Expiry Date:	12 months