

Datasheet for ABIN7274178
CD43 Protein (AA 20-253) (His tag)[Go to Product page](#)

2 Images

Overview

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

Product Details

Purpose:	Human CD43 Protein
Sequence:	Ser20-Arg253
Characteristics:	Recombinant Human CD43 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser20-Arg253.
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

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.
Molecular Weight:	24.5 kDa. Due to glycosylation, the protein migrates to 75-120 kDa based on Tris-Bis PAGE result.
UniProt:	P16150
Pathways:	Regulation of Leukocyte Mediated Immunity

Application Details

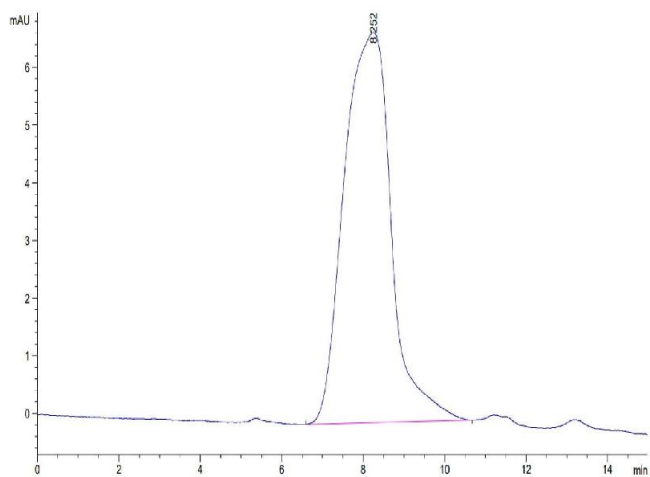
Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/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

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human CD43 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human CD43 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .