

Datasheet for ABIN7274189

**CD43 Protein (AA 20-248) (His tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	CD43 (SPN)
Protein Characteristics:	AA 20-248
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD43 protein is labelled with His tag.

## Product Details

Purpose:	Mouse CD43 Protein
Sequence:	Asp20-Gly248
Characteristics:	Recombinant Mouse CD43 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Asp20-Gly248.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	CD43 (SPN)
Alternative Name:	CD43 ( <a href="#">SPN Products</a> )

## Target Details

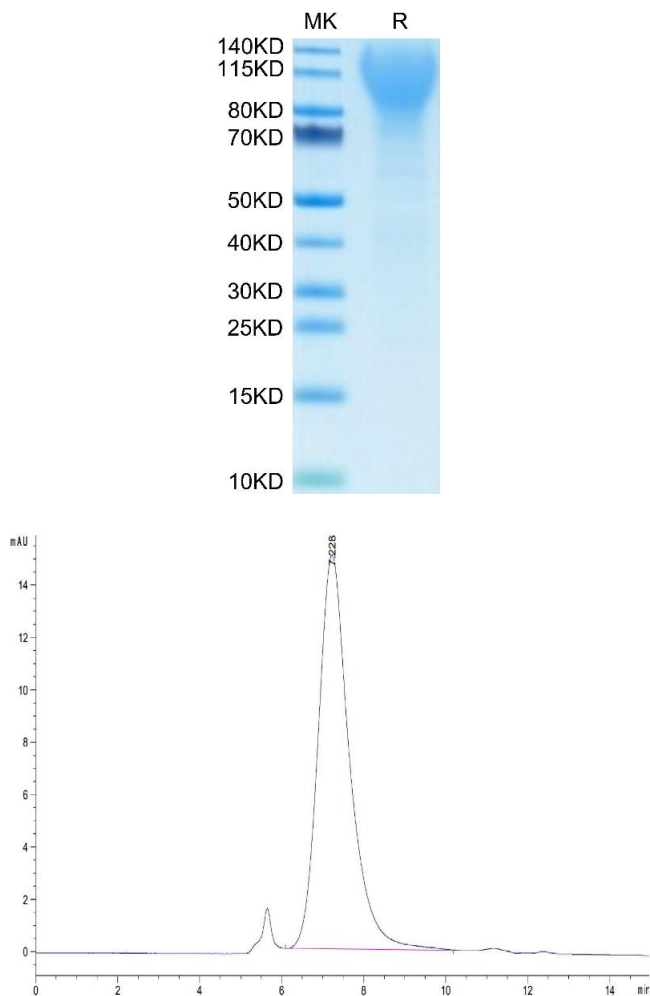
Background:	CD43 is a large transmembrane protein involved in T cell activation. Previous studies of CD43-/- mice in viral models have demonstrated a role for CD43 in Th1/Th2 skewing, activation of Foxp3 Treg, and T cell apoptosis. CD43 (leukosialin) is a large sialoglycoprotein abundantly expressed 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.
Molecular Weight:	23.6 kDa. Due to glycosylation, the protein migrates to 80-120 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P15702</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a>

## 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



SDS-PAGE

**Image 1.** Mouse CD43 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse CD43 is greater than 95 % as determined by SEC-HPLC.