

Datasheet for ABIN7274266

CD99 Protein (CD99) (AA 23-122) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD99
Protein Characteristics:	AA 23-122
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD99 protein is labelled with His tag.

Product Details

Purpose:	Human CD99/MIC2 Protein
Sequence:	Asp23-Asp122
Characteristics:	Recombinant Human CD99/MIC2 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Asp23-Asp122.
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:	CD99
Alternative Name:	CD99 (CD99 Products)

Target Details

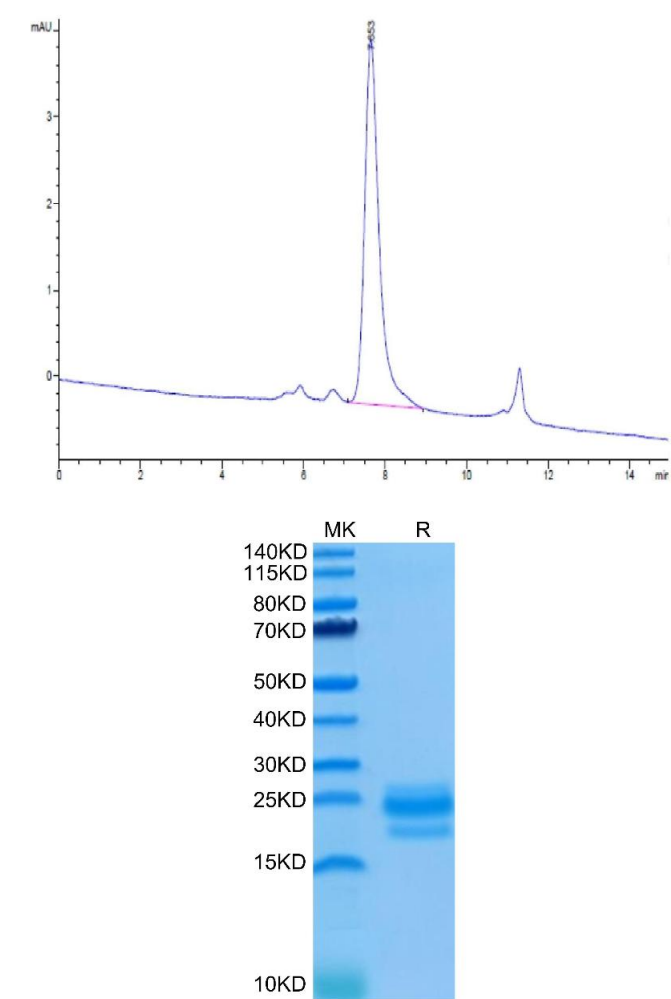
Background:	CD99 is a cell surface protein with unique features and only partly defined mechanisms of action. This molecule is involved in crucial biological processes, including cell adhesion, migration, death, differentiation and diapedesis, and it influences processes associated with inflammation, immune responses and cancer. CD99 is frequently overexpressed in many types of tumors, particularly pediatric tumors including Ewing sarcoma and specific subtypes of leukemia.
Molecular Weight:	11.2 kDa. Due to glycosylation, the protein migrates to 20-25 kDa based on Tris-Bis PAGE result.

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 CD99/MIC2 is greater than 95 % as determined by SEC-HPLC.

SDS-PAGE

Image 2. Human CD99 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .