

Datasheet for ABIN2713823

CD99 Protein (CD99) (Transcript Variant 2) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	10 µg
Target:	CD99
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD99 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human CD99 / MIC2 (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test

Target Details

Target:	CD99
Alternative Name:	Cd99,mic2 (CD99 Products)
Target Type:	Viral Protein
Background:	The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration,

Target Details

T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus.

Molecular Weight: 11.1 kDa

NCBI Accession: [NP_001116370](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the N-terminal.

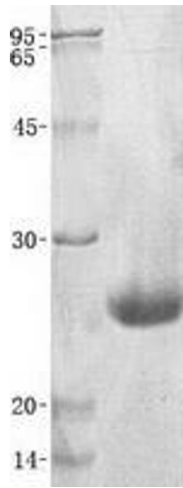
Restrictions: For Research Use only

Handling

Buffer: Lyophilized from a 0.2 μ M filtered solution of 20 mM Phosphate buffer, 150 mM NaCl, pH 7.2.
Stable for at least 6 months from date of receipt under proper storage and handling conditions.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot