

Recombinant Human CD99 protein, His-tagged(VLPs)

Cat. No. CD99-087H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD99 protein(P14209) (Met1-Asp122) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp122
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CD99 consists of 111 amino acids and predicts a molecular mass of 11.54 kDa. It migrates as an approximately 25.89 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name CD99 CD99 molecule [Homo sapiens]

Official Symbol CD99

Synonyms

CD99; CD99 molecule; antigen identified by monoclonal antibodies 12E7, F21 and O13 , CD99 antigen , MIC2; CD99 antigen; E2 antigen; surface antigen MIC2; T-cell surface glycoprotein E2; MIC2 (monoclonal 12E7); antigen identified by monoclonal 12E7, Y homolog; antigen identified by monoclonal antibodies 12E7, F21 and O13; MIC2; HBA71; MIC2X; MIC2Y; MSK5X;

Gene ID 4267

mRNA Refseq NM_001122898

Protein Refseq NP_001116370

MIM 313470

UniProt ID P14209

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