

Recombinant Human CD99 Molecule

Cat. No. CD99-4271H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD99 Human Recombinant full length protein expressed in E.coli, shows a 56 kDa band on SDS-PAGE. The CD99 is purified by proprietary chromatographic techniques.
Species	Human
Source	Human
Description	CD99, or MIC2 gene product, or E2 antigen is expressed on the cell membrane of some lymphocytes, cortical thymocytes, and granulosa cells of the ovary. The antigen is also expressed by most pancreatic islet cells, Sertoli cells of the testis, and some endothelial cells. Mature granulocytes express very little or no CD99. MIC2 is strongly expressed on Ewingus sarcoma cells and primitive peripheral neuroectodermal tumors.
Form	CD99 at 0.1mg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Physical Appearance	Sterile Filtered clear solution.
Storage	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.
Full Length	Full L.

GENE INFORMATION

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Gene Name	CD99 CD99 molecule [Homo sapiens]
Official Symbol	CD99
Synonyms	CD99; CD99 molecule; MIC2; HBA71; MIC2X; MIC2Y; MSK5X; CD99 antigen; E2 antigen; OTTHUMP00000022840; OTTHUMP00000022842; OTTHUMP00000022843; OTTHUMP00000022844; surface antigen MIC2; T-cell surface glycoprotein E2; MIC2 (monoclonal antibody 12E7); antigen identified by monoclonal 12E7, Y homolog; antigen identified by monoclonal antibodies 12E7, F21 and O13; 12E7; Protein MIC2
Gene ID	4267
mRNA Refseq	NM_001122898
Protein Refseq	NP_001116370
MIM	313470
UniProt ID	P14209
Chromosome Location	Xp22.32; Yp11.3
Pathway	Cell adhesion molecules (CAMs); Leukocyte transendothelial migration

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