

Recombinant Human CD99 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CD99-1744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD99 MS Standard C13 and N15-labeled recombinant protein (NP_002405) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, 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 Mass	18.8 kDa
AA Sequence	MARGAALALLLFGLLGVLVAAPDGGFDLSDALPDNENKKPTAIPKKPSAGDDFDLGD AVVDGENDDPRPPNPPKMPNPNPNHPSSSGSFSDADLADGVSGGEGKGGSDGG GSHRKEGEEADAPGVIPGIVGAVVAVAGAISSFIAYQKKKLCFKENAEQGEVDMES HRNANAEPVQRTLLEKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

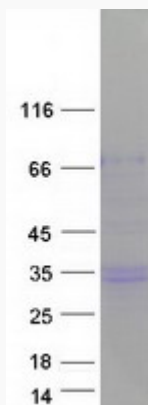
GENE INFORMATION

Gene Name	CD99 CD99 molecule [Homo sapiens (human)]
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_002414
Protein Refseq	NP_002405
MIM	313470
UniProt ID	P14209

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SDS-PAGE

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