

# Recombinant Full Length Human CD99 Protein, C-Flag-tagged

Cat. No. CD99-633HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human CD99 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	16.7 kDa
<b>AA Sequence</b>	MARGAALALLLFGLLGVLVAAPDGGFDLSDALPDNENKKPTAIPKKPSAGDDFDLGD AVVDGENDDPRPP NPPKMPNPNPNHPSSSGSFSDADLADGVSGGEGKGGSDG GGSHRKEGEEADAPGVIPGIVGAVVVAVAG AISSFIAYQKKKLCFKENAEQGEVDMESHNRNANAEPVQRTLLEKTRTRPLEQKLISE EDLAANDILDYKDDDDKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome, Transmembrane
<b>Protein Pathways</b>	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD99 CD99 molecule (Xg blood group) [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD99
<b>Synonyms</b>	MIC2; HBA71; MIC2X; MIC2Y; MSK5X
<b>Gene ID</b>	4267
<b>mRNA Refseq</b>	NM_002414.5
<b>Protein Refseq</b>	NP_002405.1

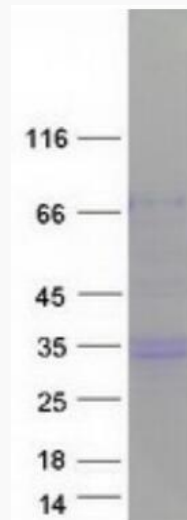
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**MIM** 313470

**UniProt ID** P14209



Coomassie blue staining of purified CD99 protein.

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