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

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

SPECIFICATION

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

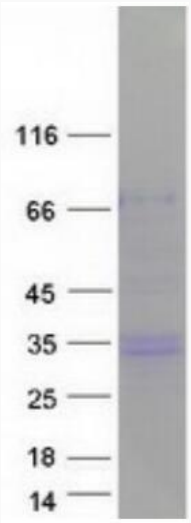
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration
Full Length	Full L.

GENE INFORMATION

Gene Name	CD99 CD99 molecule (Xg blood group) [Homo sapiens (human)]
Official Symbol	CD99
Synonyms	MIC2; HBA71; MIC2X; MIC2Y; MSK5X
Gene ID	4267
mRNA Refseq	NM_002414.5
Protein Refseq	NP_002405.1

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MIM	313470
UniProt ID	P14209



Coomassie blue staining of purified CD99 protein.

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