

Product datasheet for PH304056

CD99 (NM_002414) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD99 MS Standard C13 and N15-labeled recombinant protein (NP_002405)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204056
Predicted MW:	18.8 kDa
Protein Sequence:	>RC204056 protein sequence Red=Cloning site Green=Tags(s) MARGAALALLLFGLLGVLVAAPDGGFDLSDALPDNENKKPTAIPKKPSAGDFFDLGDAVVDGENDDPRPP NPPKMPNPNPNHPSSSGFSADLADGVSGGEGKGGSDGGGSHRKEGEEADAPGVIPGIVGAVVVAVAG AISSFIAYQKKKLCFKENAEQGEVDMESHNRNANAEPVQRTLLEK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_002405
RefSeq Size:	1255
RefSeq ORF:	555
Synonyms:	HBA71; MIC2; MIC2X; MIC2Y; MSK5X
Locus ID:	4267
UniProt ID:	P14209



[View online »](#)

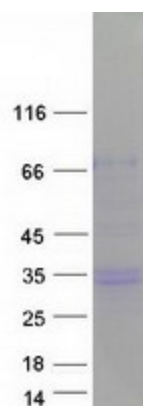
Cytogenetics: X;Y

Summary: 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. [provided by RefSeq, Mar 2016]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration

Product images:



Coomassie blue staining of purified CD99 protein (Cat# [TP304056]). The protein was produced from HEK293T cells transfected with CD99 cDNA clone (Cat# [RC204056]) using MegaTran 2.0 (Cat# [TT210002]).