

Product datasheet for PH301733

CD63 (NM_001780) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CD63 MS Standard C13 and N15-labeled recombinant protein (NP_001771)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201733
Predicted MW:	25.6 kDa
Protein Sequence:	>RC201733 protein sequence Red=Cloning site Green=Tags(s) MAVEGGMKCVKFLLYVLLLAFCACAVGLIavgvgaqlvlsqtIIQGATPGSLLPVVIIavgvflflvafv GCCGACKENYCLMITFAIFLSLIMLVEVAAAIAGYVFRDKVMSEFNNNFRQQMENYPKNNHTASILDRMQ ADFKCCGAANYTDWEKIPSMKNRVPDSCCINVTVCGGINFNEKAIHKEGCVEKIGGWLRKNVLVAAAA LGIAFVEVLGIVFACCLVKSIRSGYEV 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001771
RefSeq Size:	1032
RefSeq ORF:	714
Synonyms:	LAMP-3; ME491; MLA1; OMA81H; TSPAN30
Locus ID:	967
UniProt ID:	P08962 , A0A024RB05



[View online »](#)

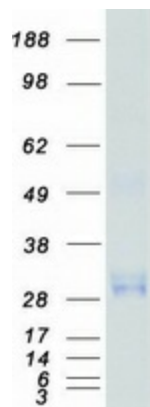
Cytogenetics: 12q13.2

Summary: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Apr 2012]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Lysosome

Product images:



Coomassie blue staining of purified CD63 protein (Cat# [TP301733]). The protein was produced from HEK293T cells transfected with CD63 cDNA clone (Cat# [RC201733]) using MegaTran 2.0 (Cat# [TT210002]).