

Recombinant Human CD63 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CD63-1382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD63 MS Standard C13 and N15-labeled recombinant protein (NP_001771) 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 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.
Molecular Mass	25.6 kDa
AA Sequence	MAVEGGMKCVKFLLYVLLLAFCACAVGLIavgvgaqlvlsqtiiqgATPGSLLPVVIA VGVFLFLVAFVGCCGACKENYCLMITFAIFLSLIMLVEVAAAIAGYVFRDKVMSEFNN NFRQQMENYPKNNHTASILDRMQADFKCCGAANYTDWEKIPSMSKNRVPDSCCIN

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	VTVGCGINFNEKAIHKEGCVKIGGWLRKNVLVAAAAALGIAFVEVLGIVFACCLVKSI RSGYEVMTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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	CD63 CD63 molecule [Homo sapiens (human)]
Official Symbol	CD63
Synonyms	CD63; CD63 molecule; CD63 antigen (melanoma 1 antigen), MLA1; CD63 antigen; ME491; TSPAN30; tspan-30; granulophysin; tetraspanin-30; melanoma-associated antigen MLA1; CD63 antigen (melanoma 1 antigen); melanoma-associated antigen ME491; ocular melanoma-associated antigen; lysosomal-associated membrane protein 3; lysosome-associated membrane glycoprotein 3; MLA1; LAMP-3; OMA81H;
Gene ID	967
mRNA Refseq	NM_001780
Protein Refseq	NP_001771

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MIM 155740

UniProt ID P08962

SDS-PAGE



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