

Recombinant Full Length Human CD63 Protein, C-Flag-tagged

Cat. No. CD63-180HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CD63 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 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.5 kDa
AA Sequence	MAVEGGMKCVKFLLYVLLLAFCACAVGLIAGVGGAQLVLSQTIIQGATPGSLLPVVIAA VGVFLFLVAFV GCCGACKENYCLMITFAIFLSLIMLVEVAAAAGYVFRDKVMSEFNN NFRQQMENYPKNNHTASILDRMQ ADFKCCGAANYTDWEKIPSMSKNRVPDSCCIN

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	VTVGCGINFNEKAIHKEGCVEKIGGWLRKNLVVAAAA LGIAFVEVLGIVFACCLVKSIIRSGYEVMTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	Lysosome
Full Length	Full L.

GENE INFORMATION

Gene Name	CD63 CD63 molecule [Homo sapiens (human)]
Official Symbol	CD63
Synonyms	MLA1; ME491; LAMP-3; OMA81H; TSPAN30
Gene ID	967

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mRNA Refseq [NM_001780.6](#)

Protein Refseq [NP_001771.1](#)

MIM [155740](#)

UniProt ID [P08962](#)



Coomassie blue staining of purified CD63 protein.

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