

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	<p>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.</p>
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.5 kDa
AA Sequence	<p>MAVEGGMKCVKFLLYVLLLAFCAVGLIAVGVGAQLVLSQTIQGGATPGSLLPVVIIA VGVFLFLVAFV GCCGACKENYCLMITFAIFLSLIMLVEVAAAIAGYVFRDKVMSEFNN NFRQQMENYPKNNHTASILDRMQ ADFKCCGAANYTDWEKIPSMSKNRVPDSCCIN</p>

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VTVGCGINFNEKAIHKEGCVEKIGGWLRKNLVVAAAA
 LGIAFVEVLGIVFACCLVKIRSIRSGYEVMTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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