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

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

## SPECIFICATION

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| **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** | MAVEGGMKCVKFLLYVLLLAFCACAVGLIAVGVGAQLVLSQTIIQGATPGSLLPVVIIA VGVFLFLVAFV GCCGACKENYCLMITFAIFLSLIMLVEVAAAIAGYVFRDKVMSEFNN NFRQQMENYPKNNHTASILDRMQ ADFKCCGAANYTDWEKIPSMSKNRVPDSCCIN |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

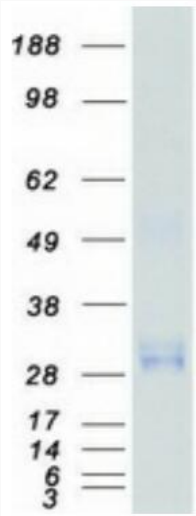
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|---|---|
| | VTVGCGINFNEKAIHKEGCVEKIGGWLRKNVLVVAAAA LGIAFVEVLGIVFACCLVKSIRSGYEVMTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining. |
| **Stability** | Stable for 12 months from the date of 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

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|---|---|
| **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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