

Recombinant Human CD63 Protein

Cat. No. CD63-0840H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD63 full-length ORF (NP_001771.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Apr 2012]
Form	Liquid
Molecular Mass	25.6 kDa
AA Sequence	MAVEGGMKCVKFLLYVLLLAFCACAVGLIAGVGGAQLVLSQTIIQGATPGSLLPVVIA VGVFLFLVAFVGCCGACKENYCLMITFAIFLSLIMLVEVAAAIAGYVFRDKVMSEFNN NFRQQMENYPKNNHTASILDRMQADFKCCGAANYTDWEKIPSMSKNRVPDSCCIN VTVGCGINFNEKAHKEGCVKEIGGWLRKNVLVAAAAALGIAFVEVLGIVFACCLVKSI

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	RSGYEVV
Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	CD63 CD63 molecule [Homo sapiens]
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_001257389
Protein Refseq	NP_001244318

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MIM	155740
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UniProt ID	P08962
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