

Proteoliposomes

Full-Length

# CD63 (Human) Recombinant Protein

Catalog # H00000967-G01

Size 2 ug

## Specification

<b>Product Description</b>	Human CD63 full-length ORF (NP_001771.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
<b>Sequence</b>	MAVEGGMKCVKFLLYVLLAFCAVGLIAGVGGAQLVLSQTIQGATPGSLLPVVIAVGVFLFLVA FVGCCGACKENYCLMITFAIFLSLIMLVEAAAAIAGYVFRDKVMSEFNNNFRQQMENYPKNNHTASI LDRMQADFKCCGAANYTDWEKIPSMKSNRVPDSCCINVTGCGINFNEKAIHKEGCVKIGGWLR KNVLVAAAAALGIAFVEVLGIMFACCLVKSIRSGYEVN
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	25.6
<b>Interspecies Antigen Sequence</b>	Mouse (79); Rat (79)
<b>Form</b>	Liquid
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system with proprietary liposome technology</a>
<b>Purification</b>	None
<b>Recommend Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Antibody Production

## Gene Info — CD63

Entrez GeneID [967](#)

GeneBank Accession# [NM\\_001780.4](#)

Protein Accession# [NP\\_001771.1](#)

Gene Name CD63

Gene Alias LAMP-3, ME491, MLA1, OMA81H, TSPAN30

Gene Description CD63 molecule

Omim ID [155740](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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. This 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. The use of alternate polyadenylation sites has been found for this gene. Alternative splicing results in multiple transcript variants encoding different proteins. [provided by RefSeq]

**Other Designations**

CD63 antigen|CD63 antigen (melanoma 1 antigen)|granulophysin|lysosome-associated membrane glycoprotein 3|melanoma 1 antigen|melanoma-associated antigen ME491|melanoma-associated antigen MLA1|ocular melanoma-associated antigen|tetraspanin-30

## Pathway

- [Lysosome](#)