

## Recombinant Human CD63 Protein, DYKDDDDK-tagged

Cat. No. CD63-151H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD63 molecule(CD63), transcript variant 1(NM_001780), with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	<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>
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.129, without any preservatives.
<b>Molecular Mass</b>	25.5 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Purity** >90% by SDS-PAGE gel and Coomassie Blue staining

**Applications** Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

## 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

**MIM** 155740

**UniProt ID** P08962

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA