

## Product Information

### MemDX™ Membrane Protein Human CD63 (CD63 molecule expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0198X**

This product is for research use only and is not intended for diagnostic use.

This product is a 25.6 kDa Human CD63 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

CD63

##### Protein Length

Full-length

##### Molecular Weight

25.6 kDa

##### TMD

4

##### Sequence

MAVEGGMKCVKFLLYVLLLAFCACAVGLIAVGVGAQLVLSQTIIQGATPGSLLPVVIIAVGVFLFLVAFVGGCGACKENYCLMITFAIFL

#### Product Description

##### Application

Antibody Production

##### Expression Systems

*in vitro* wheat germ expression system

##### Tag

NO

##### Protein Format

Liposome

##### Form

Liquid

**Purification**

None

**Buffer**

25 mM Tris-HCl of pH8.0 containing 2% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target**

**Target Protein**

CD63

**Full Name**

CD63 molecule

**Introduction**

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

**Alternative Names**

LAMP-3; ME491; MLA1; OMA81H; TSPAN30; 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

**Gene ID**

[967](#)

**UniProt ID**

[P08962](#)