

# Human CD63 / Tspan-30 / Tetraspanin-30 (His Tag) recombinant protein



Catalog Number: 500649

## General Information

### Gene Name Synonym

Granulophysin; Lysosomal-associated membrane protein 3; Melanoma-associated antigen ME491; OMA81H; Ocular melanoma-associated antigen; Tetraspanin-30

### Protein Construction

A DNA sequence encoding the second extracellular domain of human CD63 (P08962-1) (Ala 103-Val 203) was fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ala 103

### Molecular Mass

The recombinant human CD63 consists of 112 amino acids after removal of the signal peptide and has a predicted molecular mass of 13 kDa. The apparent molecular mass of rh CD63 is approximately 20-25 kDa in SDS-PAGE under reducing conditions.

### Formulation

- Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
  2. Please contact us for any concerns or special requirements.

## Usage Guide

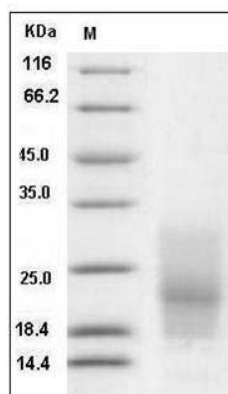
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human CD63 / Tspan-30 / Tetraspanin-30 Protein (His Tag) SDS-PAGE