

# Human TIM-3/HAVCR2 (His Tag) recombinant protein



Catalog Number: 502690

## General Information

### Gene Name Synonym

T-cell immunoglobulin and mucin domain-containing protein 3; T-cell immunoglobulin mucin receptor 3; T-cell membrane protein 3

### Protein Construction

A DNA sequence encoding the human TIMD3 (NP\_116171.3) extracellular domain (Met 1-Arg 200) was expressed, fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 96 % 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

Ser 22

### Molecular Mass

The recombinant human TIMD3 consists of 190 amino acids after removal of the signal peptide and has a predicted molecular mass of 21.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTIMD is approximately 40-45 kDa due to glycosylation.

### 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

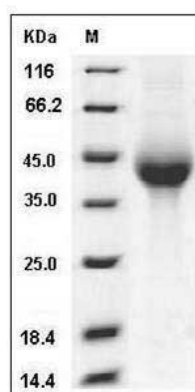
### Storage

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 TIM-3 / HAVCR2 Protein (His Tag) SDS-PAGE