

Human TIMD4 (His Tag) recombinant protein



Catalog Number: 500520

General Information

Gene Name Synonym

T-cell immunoglobulin mucin receptor 4; T-cell membrane protein 4

Protein Construction

A DNA sequence encoding the human TIMD4 (AAH08988.1) extracellular domain (Met 1-Leu 315) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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°C

Predicted N terminal

Glu 25

Molecular Mass

The recombinant human TIMD4 consists of 302

amino acids and has a predicted molecular mass of 32.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTIMD4 is approximately 60-65 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

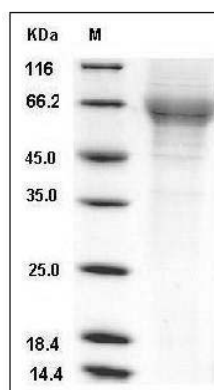
Storage

Store it under sterile conditions at -20°C to -80°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 TIM4 / TIMD4 Protein (His Tag) SDS-PAGE