

Recombinant Mouse Timd4 protein(Met1-Thr279), His-tagged

Cat. No. Timd4-2209M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TIMD4 (NP_848874.3) precursor (Met 1-Thr 279) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr279
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse TIMD4 comprises 268 amino acids with a predicted molecular mass of 29.3 kDa. As a result of diiferent glycosylation, the apparent molecular mass of rm TIMD4 is approximately 60-70 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 94 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Timd4 T cell immunoglobulin and mucin domain containing 4 \[Mus musculus \]](#)

Official Symbol [Timd4](#)

Synonyms TIMD4; T cell immunoglobulin and mucin domain containing 4; T-cell immunoglobulin and mucin domain-containing protein 4; TIMD-4; smuckler; T-cell membrane protein 4; T-cell immunoglobulin and mucin domain containing 4; spleen, mucin-containing, knockout of lymphotoxin protein; Tim4; TIM-4; B430010N18Rik;

Gene ID [276891](#)

mRNA Refseq [NM_178759](#)

Protein Refseq [NP_848874](#)

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