

Recombinant Human TIMD4 protein(Met1-Leu315), His-tagged

Cat. No. TIMD4-3954H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIMD4 (AAH08988.1) (Met 1-Leu 315) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-315 a.a.
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 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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.
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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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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 [Homo sapiens]
Official Symbol	TIMD4
Synonyms	TIMD4; T-cell immunoglobulin and mucin domain containing 4; T-cell immunoglobulin and mucin domain-containing protein 4; TIM-4; TIMD-4; T-cell membrane protein 4; TIM4; SMUCKLER; FLJ27515;
Gene ID	91937
mRNA Refseq	NM_001146726
Protein Refseq	NP_001140198
MIM	610096
UniProt ID	Q96H15

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