

Recombinant Human TIMD4 protein, His-tagged

Cat. No. TIMD4-1557H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIMD4 protein(Q96H15-1)(Glu25-Gln314), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	C-His
ProteinLength	Glu25-Gln314
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	
Molecular Mass	The protein has a predicted MW of 32.43 kDa. Due to glycosylation, the protein migrates to 78-98 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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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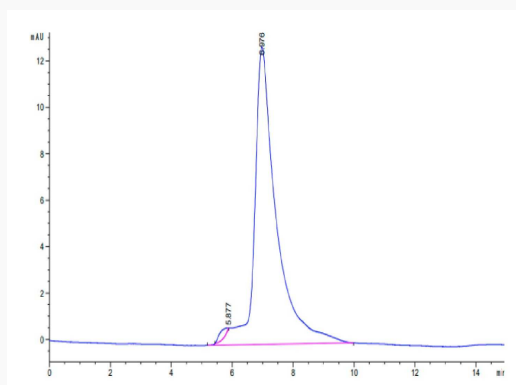
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Tris-Bis PAGE



SEC-HPLC



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