

Active Recombinant Human TMIGD2 protein, His-tagged, Low Endotoxin

Cat. No. TMIGD2-6719H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMIGD2 protein(Q96BF3-1)(Leu23-Gly150), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-150 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD28H, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human B7-H7, hFc Tag with the EC50 of 90.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 15.1 kDa. Due to glycosylation, the protein migrates to 42-52 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [TMIGD2 transmembrane and immunoglobulin domain containing 2 \[Homo sapiens \]](#)

Official Symbol [TMIGD2](#)

Synonyms IGPR1; IGPR-1

Gene ID [126259](#)

mRNA Refseq [NM_144615.2](#)

Protein Refseq [NP_653216.2](#)

MIM [614715](#)

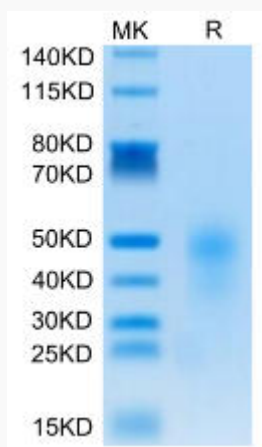
UniProt ID [Q96BF3](#)

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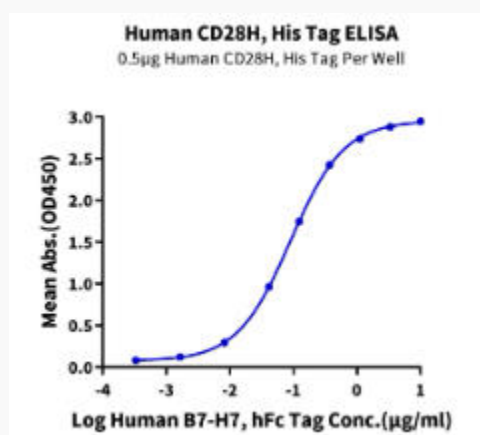
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Bis-Tris PAGE



ELISA Data



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