

Recombinant Human TMIGD2 protein, hFc-tagged

Cat. No. TMIGD2-568H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMIGD2 protein(Q96BF3-1)(Leu23-Gly150), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu23-Gly150
Tag	C-hFc
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 B7-H7, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human CD28H, hFc Tag with the EC50 of 63.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 40.7 kDa. Due to glycosylation, the protein migrates to 50-60 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

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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.

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**

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

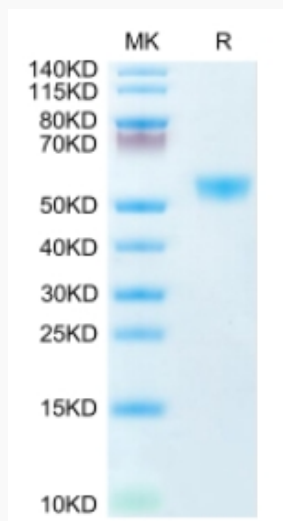
Q96BF3

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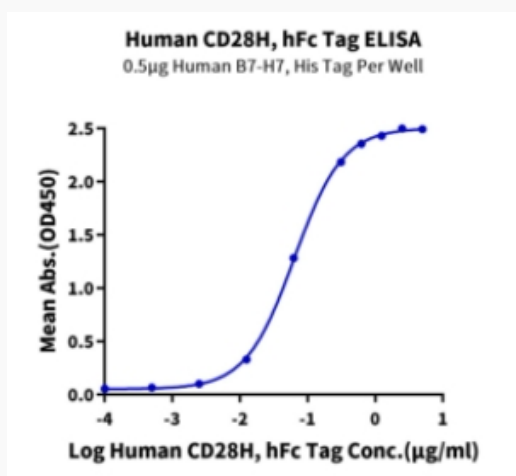
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Tris-Bis PAGE



ELISA Data



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