

Active Recombinant Human TMIGD2 protein, His-tagged

Cat. No. TMIGD2-569H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMIGD2 protein(NP_653216.2)(Met1-Gly150), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gly150
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized human TMIGD2 at 10µg/mL (100µL/well) can bind human HHLA2-Fc, the EC50 of human HHLA2-Fc is 0.3-3µg/mL.
Molecular Mass	The recombinant human TMIGD2 consists of 139 amino acids and predicts a molecular mass of 15.5 KDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by Nu-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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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	TMIGD2 transmembrane and immunoglobulin domain containing 2 [Homo sapiens]
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Official Symbol	TMIGD2
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Synonyms	IGPR1; IGPR-1
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Gene ID	126259
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mRNA Refseq	NM_144615.2
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Protein Refseq	NP_653216.2
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MIM	614715
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UniProt ID	Q96BF3
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