

Active Recombinant Human TMIGD2 protein, Fc-tagged

Cat. No. TMIGD2-1146H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMIGD2 protein(NP_653216.2) (Met1-Gly150), fused to Fc tag at the C-terminus, 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	Measured by its binding ability in a functional ELISA. Immobilized human HHLA2h at 10 µg/mL (100 µL/well) can bind human TMIGD2-Fc3, the EC50 of human TMIGD2-Fc3 is 50-200 ng/mL.
Molecular Mass	The recombinant human TMIGD2 consists of 368 amino acids and predicts a molecular mass of 40.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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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 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]

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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