

Recombinant Human TMIGD2 Protein, Fc-tagged

Cat. No. TMIGD2-135H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TMIGD2 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	282
Description	Enables coreceptor activity. Involved in positive regulation of T cell activation; positive regulation of angiogenesis; and positive regulation of cytokine production. Predicted to be located in plasma membrane. Predicted to be integral component of membrane. Predicted to be active in extracellular space.
Form	Lyophilized
Molecular Mass	40.6 kDa
AA Sequence	MGSPGMVLGLLVQIWALQEASSLSVQQGPNLLQVRQGSQATLVCQVDQATAWERL RVKWKTDGAILCQPYITNGSLSLGVCGPQGRLSWQAPSHLTQLDPVSLNHSGAYV CWAAVEIPELEEAEGNITRLFVDPDDPTQNRNRIASFPGFLFVLLGVGSMGVAAIYW GAWFWGRRSCQQRDSGNSPGNAFYSNVLYRPRGAPKKSEDCSGEGKDQRGQSI YSTSFPQPAPRQPHLASRPCSPRPCSPRPGHPVSMVRVSPRPSPTQQPRPKGFPKVGEE
Purity	> 98%

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Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	TMIGD2 transmembrane and immunoglobulin domain containing 2 [Homo sapiens (human)]
Official Symbol	TMIGD2
Synonyms	IGPR1; IGPR-1
Gene ID	126259
mRNA Refseq	NM_144615
Protein Refseq	NP_653216

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MIM	614715
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UniProt ID	Q96BF3
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