

Recombinant Human TMIGD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMIGD2-2837H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMIGD2 MS Standard C13 and N15-labeled recombinant protein (NP_653216) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Plays a role in cell-cell interaction, cell migration, and angiogenesis. Through interaction with HHLA2, costimulates T-cells in the context of TCR-mediated activation. Enhances T-cell proliferation and cytokine production via an AKT-dependent signaling cascade.
Molecular Mass	30.7 kDa
AA Sequence	MGSPGMVLGLLVQIWALQEASSLSVQQGPNLLQVRQGSQATLVCQVDQATAWERL RVKWKDGAILECQPYITNGSLSLGVCQPQGRLSWQAPSHLTQLDPVSLNHSGAYV CWAAVEIPELEEAEGNITRLFVDPDDPTQNRNRIASFPGFLFVLLGVGSMGVAAIW GAWFWGRRSCQQRDSGNSPGNAFYSNVLYRPRGPPKKSEDCSGEGKDQRGQSI YSTSFPQPAPRQPHLASRPCSPRPCSPRPGHPVSMVRVSPRPSPTQQPRPKG PKVGEETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol TMIGD2

Synonyms TMIGD2; transmembrane and immunoglobulin domain containing 2; CD28H; IGPR1; IGPR-1; transmembrane and immunoglobulin domain-containing protein 2; CD28 homolog; CD28 homologue; immunoglobulin and proline-rich receptor 1; immunoglobulin-containing and proline-rich receptor 1; transmembrane and immunoglobulin domain-containing protein 2 variant 2; transmembrane and immunoglobulin domain-containing protein 2 variant 3

Gene ID 126259

mRNA Refseq NM_144615

Protein Refseq NP_653216

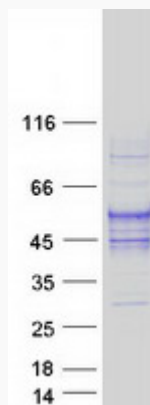
MIM 614715

UniProt ID Q96BF3

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SDS-PAGE

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