

Product datasheet for **TP304938M**

TMIGD2 (NM_144615) Human Recombinant Protein

Product data:

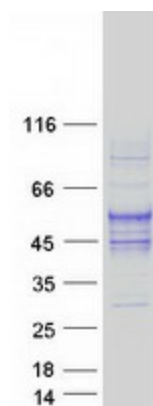
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transmembrane and immunoglobulin domain containing 2 (TMIGD2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204938 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGSPGMVLGLLVQIWALQEASSLSVQQGPNLLQVRQGSQATLVCQVDQATAWERLRVKWTKDGAILCQ PY ITNGSLSLGVCQPQGRLSWQAPSHLTQLDPVSLNHSGAYVCWAAVEIPELEEAEGNITRLFVDPDDPTQ NRNRIASFPGFLFVLLGVGSMGVAAIVWGAFFWGRRCQQRDSGNSPGNAFYSNVLYRPRGPPKKSEDC S GEGKDQRGQSIYSTSFPQPAPRQPHLASRPCSPRPCSPRPGHPVSMVRVSPRPSPTQQPRPKGFPKV G EE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	30.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_653216</u>
Locus ID:	126259
UniProt ID:	<u>Q96BF3</u>
RefSeq Size:	1282
Cytogenetics:	19p13.3
RefSeq ORF:	846
Synonyms:	CD28H; IGPR-1; IGPR1
Summary:	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. [UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified TMIGD2 protein (Cat# [TP304938]). The protein was produced from HEK293T cells transfected with TMIGD2 cDNA clone (Cat# [RC204938]) using MegaTran 2.0 (Cat# [TT210002]).