

## Product datasheet for **TP329814M**

### TMIGD2 (NM\_001169126) Human Recombinant Protein

#### Product data:

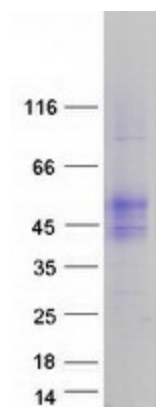
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens transmembrane and immunoglobulin domain containing 2 (TMIGD2), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC229814 representing NM_001169126 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGSPGMVLGLLVQIWALQEASSLSVQQGPNLLQVRQGSQATLVCQVDQATAWERLRVKWTKDGAILCQ PY ITNGSLSLGVCGPQGRLSWQAPSHLTQLDPVSLNHSGAYVCWAAVEIPELEEAEGNITRLFVDPDDPTQ NRNRIASFPGFLFVLLGVGSMGVAAIVWGAFFWGRRCQQRDSGNFYSNVLYRPRGAPKKSEDCSGEG K DQRGQSIYSTSFPQPAPRQPHLASRPCSPRPCSPRPGHPVSMVRVSPRPSPTQQPRPKGFPGKVGEE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	30.8 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:	NULL or Add: Recombinant proteins 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.
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><a href="#">NP_001162597</a></u>



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Locus ID:	126259
UniProt ID:	<a href="#">Q96BF3</a>
Cytogenetics:	19p13.3
RefSeq ORF:	834
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# [TP329814]). The protein was produced from HEK293T cells transfected with TMIGD2 cDNA clone (Cat# [RC229814]) using MegaTran 2.0 (Cat# [TT210002]).