

Product datasheet for PH304938

TMIGD2 (NM_144615) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMIGD2 MS Standard C13 and N15-labeled recombinant protein (NP_653216)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204938
Predicted MW:	30.7 kDa
Protein Sequence:	>RC204938 protein sequence Red =Cloning site Green =Tags(s)

MGSPGMVLGLLVQIWLQEASSLSVQQGNLLQVRQGSQATLVCQVDQATAWERLRVKWTKDGAILCQPY
 ITNGSLSLGVCQPQGRLSWQAPSHLTLQLDPVSLNHSGAYVCWAAVEIPELEEAEGNITRLFVDPDDPTQ
 NNRRIASFPGFLFVLLGVGSMGVAIVWGAFWGRRSCQQRDSGNSPGNAFYSNVLYRPRGPPKKSEDCS
 GEGKDQRGQSIYSTSFPQPAPRQPHLASRPCSPRPCSPRPGHPVSMVRVSPRPSPTQQPRPKGFPKVG
 EE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_653216</u>
RefSeq Size:	1282
RefSeq ORF:	846
Synonyms:	CD28H; IGPR-1; IGPR1
Locus ID:	126259


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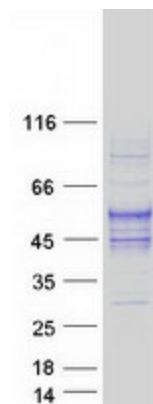
UniProt ID: [Q96BF3](#)

Cytogenetics: 19p13.3

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]).