

Product datasheet for PH303848

TIM 4 (TIMD4) (NM_138379) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TIMD4 MS Standard C13 and N15-labeled recombinant protein (NP_612388)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203848
Predicted MW:	41.6 kDa
Protein Sequence:	>RC203848 protein sequence Red=Cloning site Green=Tags(s)
	MSKEPLILWLMIEFWWLYLTPVTSETVVTEVLGHRVTLPCLYSSWSHNSNSMCWGKDQCPYSGCKEALIR TDGMRVTSRKSAKYRLQGTIPRGDVSLTILNPSESDSGVYCCRIEVPGWFNVDKINVRLNLQRASTTTHR TATTTTTRTTTTSPTTTTQMTTTPAALPTTVVTPDLTTGTPLQMTTIAVFTTANTCLSLTPSTLPEEAT GLLTPEPSKEGPILTAESETVLPDSWSSAESTSADTVLLTSKESKVWDLPSTSHVSMWKTSDSVSPQP GASDTAVPEQNKTTKTGQMDGIPMSMKNEMPISQLLMIAPSLGFVLFALFVAFLLRGKLMETYCSQKHT RLDYIGDSKNVLNDVQHGREDEDGLFTL
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	NP_612388
RefSeq Size:	1374
RefSeq ORF:	1134
Synonyms:	SMUCKLER; TIM4
Locus ID:	91937



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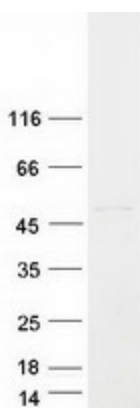
UniProt ID: [Q96H15](#)

Cytogenetics: 5q33.3

Summary: Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Involved in regulating T-cell proliferation and lymphotoxin signaling. Ligand for HAVCR1/TIMD1 (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified TIMD4 protein (Cat# [TP303848]). The protein was produced from HEK293T cells transfected with TIMD4 cDNA clone (Cat# [RC203848]) using MegaTran 2.0 (Cat# [TT210002]).