

## Product datasheet for **TP303848M**

### TIM 4 (TIMD4) (NM\_138379) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human T-cell immunoglobulin and mucin domain containing 4 (TIMD4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203848 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSKEPLILWLMIEFWWLYLTPVTSETVTEVLGHRVTLPCLYSSWSHNSNSMCWKGKQCPYSGCKEALIR  
TDGMRVTSRKSAYRLQGTIPRGDVSLTILNPSESDSGVYCCRIEVPGWFNVDVKINVRLNLQRASSTTHR  
TATTTTRTTTTPTTTRQMTTTPAALPTTWVTPDLTTGTPLQMTTIAVFTTANTCLSLTPSTLPEEAT  
GLLTPEPSKEGPILTAESVTLPSDSWSSAESTSADTVLLTSKESKVWDLPTSHVSMWKTSDSVSSPQP  
GASDTAVPEQNKTTKTGQMDGIPMSMKNEMPISQLLMIIAPSLGFVLFALFVAFLLRGKLMETYCSQKHT  
RLDYIGDSKNVLDVQHGREDDEDGLFTL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

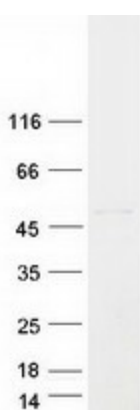
Tag:	C-Myc/DDK
Predicted MW:	41.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.
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:	<a href="#">NP_612388</a>



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Locus ID:	91937
UniProt ID:	<a href="#">Q96H15</a>
RefSeq Size:	1374
Cytogenetics:	5q33.3
RefSeq ORF:	1134
Synonyms:	SMUCKLER; TIM4
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]).