

Product datasheet for **TP301690M**

TTC1 (NM_003314) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tetratricopeptide repeat domain 1 (TTC1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201690 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGEKSENCGVPEDLLNGLKVTDQTAEACAGPPVPDPKNQHSQSKLLRDDEAHLQEDQGEEECFHDCSASF</p> <p>EEEPGADKVENKSNEDVNSELDEEYLIELKKNMSDEEKQKRREESTRLKEEGNEQFKKGDYIEAESSYS</p> <p>RALEMCPSCFQKERSILFSNRAAARMKQDKKEMAINDCSKAIQLNPSYIRAILRRAELYEKTDKLDEALE</p> <p>DYKSILEKDPSIHQAREACMRLPKQIEERNERLKEEMLGKLKDLGNLVLRPFGLSTENFIKQDSSTGSY</p> <p>SINFVQNPNNNR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	33.3 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:	<u>NP_003305</u>
Locus ID:	7265



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UniProt ID: [Q99614](#)

RefSeq Size: 1500

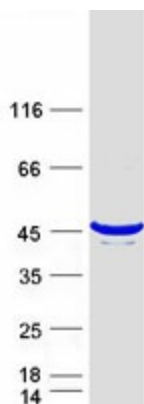
Cytogenetics: 5q33.3

RefSeq ORF: 876

Synonyms: TPR1

Summary: This gene encodes a protein that belongs to the tetratrico peptide repeat superfamily of proteins. The encoded protein plays a role in protein-protein interactions, and binds to the Galpha subunit of G protein-coupled receptors to activate the Ras signaling pathway. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Product images:



Coomassie blue staining of purified TTC1 protein (Cat# [TP301690]). The protein was produced from HEK293T cells transfected with TTC1 cDNA clone (Cat# [RC201690]) using MegaTran 2.0 (Cat# [TT210002]).