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Product datasheet for PH301690

TTC1 (NM_003314) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TTC1 MS Standard C13 and N15-labeled recombinant protein (NP_003305)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201690
Predicted MW:	33.5 kDa
Protein Sequence:	>RC201690 protein sequence Red=Cloning site Green=Tags(s) MGEKSENCGVPEDLLNGLKVTDTQEAECAGPPVPDPKNQHSQSKLLRDDEAHLQEDQGEEECFHDCSASF EEEPGADKVENKSNEDVNSSELDEEYLIELKKNMSDEEKQKRREESTRLKEEGNEQFKKGDYIEAESSYS RALEMCPSCFQKERSILFSNRAAARMKQDKKEMAINDCSKAIQLNPSYIRAILRRAELYEKTDKLDEALE DYKSILEKDPSIHQAREACMRLPKQIEERNERLKEEMLGKLKDLGNLVLRPFGLSTENFQIKQDSSTGSY SINFVQNPNNNR 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_003305
RefSeq Size:	1500

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RefSeq ORF: 876

Synonyms: TPR1

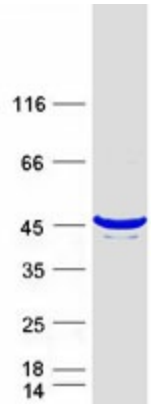
Locus ID: 7265

UniProt ID: Q99614

Cytogenetics: 5q33.3

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]).