

Recombinant Full Length Human TTC1 Protein, GST-tagged

Cat. No. TTC1-6850HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human TTC1 full-length ORF (NP_003305.1, 1 a.a. - 292 a.a.) recombinant protein with GST-tag at N-terminal was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	292 amino acids
Description	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.
Molecular Mass	59.9 kDa
AA Sequence	MGEKSENCVGPEDLLNGLKVTDTQEAECAGPPVPDPKNQHSQSKLLRDDEAHLQE DQGEEECFHDCSASFEEEPGADKVENKSNEDVNSSELDEEYLIELEKNMSDEEKQK RREESTRLKEEGNEQFKKGDYIEAESSYSRALEMCPSCFQKERSILFSNRAAARMK QDKKEMAINDCSKAIQLNPSYIRAILRRAELYEKTDKLDEALEDYKSILEKDPSIHQAR EACMRLPKQIEERNERLKEEMLGKLKDLGNLVLRPFGLSTENFQIKQDSSTGSSYSIN FVQNPNNNR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name TTC1 tetratricopeptide repeat domain 1 [Homo sapiens (human)]

Official Symbol TTC1

Synonyms TTC1; tetratricopeptide repeat domain 1; TPR1; tetratricopeptide repeat protein 1; TPR repeat protein 1

Gene ID 7265

mRNA Refseq NM_003314

Protein Refseq NP_003305

MIM 601963

UniProt ID Q99614

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