

## TTC32 Human

**Description:** TTC32 Human Recombinant produced in E. coli is a single polypeptide chain containing 174 amino acids (1-151) and having a molecular mass of 19.7 kDa. TTC32 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1253

For research use only.

**Synonyms:** Tetratricopeptide Repeat Domain 32, Tetratricopeptide Repeat Protein 32, TPR Repeat Protein 32.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMEGQRQE SHATLTLAQA  
HFNNGEYAEA EALYSAYIRR CACAASSDES PGSKCSPEDL ATAYNNRQGI KYFRVDFYEA  
MDDYTSIAIEV QPNFEVPPYYN RGLILYRLGY FDDALEDFKK VLDLNPGFQD ATLSLKQTL  
DKEEKQRRNV AKNY.

**Purity:** Greater than 90% as determined by SDS-PAGE.

### Formulation:

The TTC32 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 20% glycerol.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

TTC32 contains 3 TPR repeats. The tetratricopeptide repeat (TPR) is a structural motif. TPR is observed in organized 316 motifs, which form scaffolds to mediate proteinprotein interactions and frequently the assembly of multiprotein complexes. TPR-containing proteins include the anaphase-promoting complex subunits cdc16, cdc23 and cdc27, the NADPH oxidase subunit p67-phox, hsp90-binding immunophilins, transcription factors, the major receptor for peroxisomal matrix protein import PEX5, the PKR protein kinase inhibitor and mitochondrial import proteins.

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