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32-5153: Recombinant Human Tetratricopeptide Repeat Domain 32

Alternative Name : Tetratricopeptide Repeat Domain 32,Tetratricopeptide Repeat Protein 32,TPR Repeat Protein 32.

Description

Source : E.coli. 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. TTC32 contains 3 TPR repeats. The tetratricopeptide repeat (TPR) is a structural motif. TPR is observed in organized 3-16 motifs, which form scaffolds to mediate protein-protein 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The TTC32 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 20% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMEGQRQE SHATLTLAQA HFNNGEYAEA EALYSAYIRR CACAASSDES PGSKCSPEDL ATAYNNRGQI KYFRVDFYEA MDDYTSAIEV QPNFEVPYYN RGLILYRLGY FDDALEDFKK VLDLNPGFQD ATLSLKQTIL DKEEKQRRNV AKNY.