

## 32-5152: Recombinant Human Tetratricopeptide Repeat Domain 1

**Alternative Name :** Tetratricopeptide repeat protein 1,TPR repeat protein 1,TTC1,TPR1.

### Description

Source : Escherichia Coli. TTC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 316 amino acids (1-292 a.a) and having a molecular mass of 36.1kDa (Molecular weight on SDS-PAGE will appear higher).TTC1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Tetratricopeptide repeat protein 1 (TTC1) is comprised of 292 amino acids with 3 TPR motifs, such as a Galpha16-binding protein. This interaction is confirmed both in vitro and in transfected mammalian cells, where TTC1 also binds to a number of other Galpha proteins. TTC1 interacts with Ha-Ras especially in its active form. TTC1 also interacts with the GAP domain of NF1.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 85% as determined by SDS-PAGE.
<b>Content :</b>	TTC1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MGSMMGEKSE NCGVPEDLLN GLKVTDTQEA ECAGPPVPDP KNQHSQSKLL RDDEAHLQED QGEEECFHDC SASFEEPGA DKVENKSNED VNSSELDEEY LIELEKNMSD EEKQKRRES TRLKEEGNEQ FKKGDYIEAE SSYSRALEMC PSCFQKERSI LFSNRAARM QDKKEMAIN DCSKAIQLNP SYIRAILRRA ELYEKTDKLD EALEDYKSIL EKDPSIHQAR EACMRLPKQI EERNERLKEE MLGKLDLGN LVLRFGLST ENFQIQDSS TGSYSINLVQ NPNNNR.

