

## 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<br>KNQHSQSKLL RDDEAHLQED QGEEECFHDC SASFEEPGA DKVENKSNED VNSSELDEEY LIELEKNMSD<br>EEKQKRRES TRLKEEGNEQ FKKGDYIEAE SSYSRALEMC PSCFQKERSI LFSNRAARM QDKKEMAIN<br>DCSKAIQLNP SYIRAILRRA ELYEKTDKLD EALEDYKSIL EKDPSIHQAR EACMRLPKQI EERNERLKEE<br>MLGKLDLGN LVLRFGLST ENFQIQDSS TGSYSINLVQ NPNNNR. |

