

## 32-5130: Recombinant Human Thyroid Hormone Receptor Interactor 10

**Alternative Name** : Cdc42-interacting protein 4, Protein Felic, Salt tolerant protein, hSTP, Thyroid receptor-interacting protein 10, TR-interacting protein 10, TRIP-10, TRIP10, CIP4, STOT, STP, HSTP.

### Description

Source : Escherichia Coli. TRIP10 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 309 amino acids (260-545) and having a molecular mass of 34.6 kDa. TRIP10 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Thyroid Hormone Receptor Interactor 10 (TRIP10) is a part of the F-BAR family of proteins which is expressed in a variety of tissues, including kidney, brain, liver, lung, heart and pancreas. The F-BAR family of proteins contains an N-terminal, alpha-helical, region which is hydrophobic and related to the Bin Amphiphysin Rvs (BAR) protein family. TRIP10 is required for the Insulin-dependent translocation of Glut4 to the plasma membrane and is vital for the coordination of membrane tubulation with Actin cytoskeletal reorganization during endocytosis.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The TRIP10 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol, 1mM DTT.  
**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 SGLVPRGSH MGS DPKND SH VLIELHKSGF ARPGDVEFED FSQPMNRAPS  
DSSLGTPSDG RPELRGPGRS RTKRWPFGKK NKTVVTEDFS HLPPEQQRKR LQQLEERSR  
ELQKEVDQRE ALKKMKDVYE KTPQMGPAS LEPQIAETLS NIERLKLEVQ KYEAWLAEAE SRVLSNRGDS  
LSRHARPPDP PASAPPDSSS NSASQDTKES SEEPPSEESQ DTPITYTEFDE DFEEPTSPI GHCVAIYHFE  
GSSEGTISMA EGEDLSLMEE DKG DGWTRVR RKEGGEGYVP TSYLRVTLN.