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**Product Data Sheet**


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Product Name: TRIP10 Human  
 Cat. No.: GP24884  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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.		
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSDPKND SH VLIELHKSGF ARPGDVEFED FSQPMNRAPS DSSLGTPSDG RPELRGPGRS RTKRWPFGKK NKTVVTEDFS HLPPEQQRKR LQQLEERSR ELQKEVDQRE ALKMKDVYE KTPQMGPAS LEPQIAETLS NIERLKLEVQ KYEAWLAEAE SRVLSNRGDS LSRHARPPDP PASAPPDSSS NSASQDTKES SEEPPSEESQ DTPIYTEFDE DFEEETSPI GHCVAIYHFE GSSEGTISMA EGEDLSLMEE DKG DGWTRVR RKEGGEGYVP TSYLRVTLN.		
Formulation	The TRIP10 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol, 1mM DTT.		

**Introduction**

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 vital for the coordination of membrane tubulation with Actin cytoskeletal reorganization during endocytosis.

**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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

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.

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