

## Recombinant human TRIP10, His-tagged

**Cat. No.** TRIP10-2477H **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TRIP10 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Cdc42-interacting protein 4, also known as TRIP10, belongs to the F-BAR family of proteins. These proteins contain an N-terminal, alpha-helical, region that is hydrophobic and considered to be related to the Bin Amphiphysin Rvs (BAR) protein family. Expressed in a variety of tissues, including kidney, brain, liver, lung, heart and pancreas, TRIP10 is required for the Insulin-dependent translocation of Glut4 to the plasma membrane and is essential for the coordination of membrane tubulation with Actin cytoskeletal reorganization during endocytosis.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
<b>Molecular Mass</b>	34.6kDa (309aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSDPKND SH VLIELHKSGF ARPGDVEFED FSQPMNRAPS DSSLGTPSDG RPELRGPGRS RTKRWPFGKKNKTVVTEDFS HLPPEQQRKR LQQQLEERSR ELQKEVDQRE ALKMKDVYE KTPQMGPAS LEPQIAETLS NIERLKLEVQ KYEAWLAEAE SRVLSNRGDS LSRHARPPDP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PASAPPDSSS NSASQDTKES SEEPPSEESQ DTPIYTEFDE DFEEETSPI  
 GHCVAIYHFE GSSEGTISMAEGEDLSLMEE DKGDGWTRVR RKEGGEGYVP  
 TSYLRVTLN

**Purity** >90% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 1 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [TRIP10 thyroid hormone receptor interactor 10 \[ Homo sapiens \]](#)

**Official Symbol** TRIP10

**Synonyms** TRIP10; thyroid hormone receptor interactor 10; salt tolerator , STOT; cdc42-interacting protein 4; Cdc42 interacting protein; CIP4; HSTP; STP; TRIP-10; protein Felic; salt tolerator; salt tolerant protein; TR-interacting protein 10; thyroid receptor interacting protein 10; thyroid receptor-interacting protein 10; STOT;

**Gene ID** [9322](#)

**mRNA Refseq** [NM\\_004240](#)

**Protein Refseq** [NP\\_004231](#)

**MIM** [604504](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>UniProt ID</b>	Q15642
<b>Chromosome Location</b>	19p13.3
<b>Pathway</b>	Insulin Pathway, organism-specific biosystem; Insulin signaling pathway, organism-specific biosystem; Insulin signaling pathway, conserved biosystem; Insulin-mediated glucose transport, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
<b>Function</b>	identical protein binding; lipid binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA