

## Recombinant Human TRIP10, His-tagged

**Cat. No.** TRIP10-27250TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 1-330 of Human Cip4 isoforms 2,3 and 4 with a N terminal His tag; predicted MWt 39 kDa:
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-330 a.a.
<b>Description</b>	Cdc42-interacting protein 4 is a protein that in humans is encoded by the TRIP10 gene.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Expressed in brain, colon, heart, kidney, liver, lung, megakaryocyte, ovary, pancreas, peripheral blood lymphocytes, placenta, prostate, skeletal muscle, small intestine, spleen, testis, thymus and trachea.
<b>Form</b>	Lyophilised:Reconstitution with 108 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 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

**Sequences of amino acids**

MDWGTELWDQFEVLERHTQWGLDLLDRYVKFKERTEVEQ AYAKQLRSLVKKYLP  
 KRPAKDDPESKFSQQQSFVQILQ EVNDFAGQRELVAENLSVRVCLELTKYSQEMK  
 QERKMH FQEGRRAQQQLENGFKQLENSKRKFERDCREAEKAAQTAE RLDQDINA  
 TKADVEKAKQQAHLRSHMAEESKNEYAAQL QRFNRDQAHFYFSQMPQIFDKLQDM  
 DERRATRLGAGYG LLSEAELEVVPPIAKCLEGMKVAANAVDPKNDSHVLIELHKSGF  
 ARPGDVEFEDFSQPMNRAPSDSSLGTPSDGRPEL RGPGRSRTKRWPFGKKNKTV

**Sequence Similarities**

Belongs to the FNBP1 family.Contains 1 FCH domain.Contains 1 REM (Hr1) repeat.Contains 1 SH3 domain.

## 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;

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

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

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

**MIM** [604504](#)

**Uniprot ID** [Q15642](#)

**Chromosome Location** 19p13.3

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**Pathway**

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;

**Function**

identical protein binding; lipid binding;

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