

Product information



TRIP10, 260-545aa

Human, His-tagged, Recombinant, *E.coli*

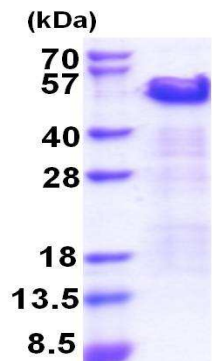
Cat. No. IBATGP2477

Full name: Cdc42-interacting protein 4

NCBI Accession No.: NP_004231

Synonyms: CIP4, HSTP, STOT, STP

Description: 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. Recombinant human TRIP10 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT</p> <p>Molecular Weight: 34.6kDa (309aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHHH SSGLVPRGSH MGS DPKND SH VL IELHKSGF ARPGDVEFED FSQPMNRAPS DSSLGTPSDG RPELRGPGRS RTKRWPFGKK NKT VVTEDFS HLPPEQQQRK LQQQLEERSR ELQKEVDQRE ALKKMKDVYE KTPQMGPAS LEPQIAETLS NIERLKLEVQ KYEAWLAEE SRVLSNRGDS LSRHARPPDP PASAPDSSS NSASQDTKES SEEPPEESQ DTPIYTEFDE DFEEPTSPI GHCVAIYHFE GSSEGTISMA EGEDLSLMEE DKGDGWTRVR RKEGGEGYVP TSYLRVTLN</p>	

General references:

Aspenstrom P., *et al.* (1997) *Curr Biol.* 7: 479-487.

Holbert S., *et al.* (2003) *Proc Natl Acad Sci USA.* 100: 2712-2717.

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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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