

TRIP10, 260-545aa, Human, His tag, E.coli

Cat.NO.: TP04311

3th Edition

Synonyms:Cdc42-interacting protein 4, 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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:34.6kDa (309aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSDPKNDSHVLIELHKSGFARPGDVEFEDFSQPMNRAPSDSSLGTPSDGRPEL
RGPGRSRTKRWPFGKKNKTVVTEDFSHLPPEQQRKRLQQQLEERSRELQKEVDQREALKMKMDVYEKTPQMGD
PASLEPQIAETLSNIERLKLEVQKYEAWLAEAESRVLSNRGDSLRSRHARPPDPPASAPPDSSNSASQDTKESSEE
PPSEESQDTPITYTEFDEDFEEPTSPIGHCVAIYHFEGSSEGTISMAEGEDLSLMEEDKGDGWTRVRRKEGGEGYV
PTSYLRVTLN

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.