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

产品货号: TP04311

第三版

别名:Cdc42-interacting protein 4, CIP4, HSTP, STOT, STP

描述: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.

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

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

序列:

MGSSHHHHHSSGLVPRGSHMGSDPKNDSHVLIELHKSGFARPGDVEFEDFSQPMNRAPSDSSLGTPSDGRPELRGPGRS
RTKRWPFGKKNKTVVTEDFSHLPPEQQRKRLQQLEERSRELQKEVDQREALKKMKDVYEKTPQMGPASLEPQIAETL
SNIERLKLEVQKYEAWLAEAESRVLSNRGDSLRSRHRPPDPPASAPPDSSNSASQDTKESSEEPPEESQDTPIYTEFDEDFEE
EPTSPIGHCVAIYHFEGSSEGTISMAEGEDLSLMEEDKGDGWTRVRRKEGGEGYVPTS YLRVTLN

纯度:> 95% by HPLC

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

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.