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TTC1, 1-292aa, Human, His tag, E.coli

产品货号: TP04334

第三版

别名:Tetratricopeptide repeat protein 1, TPR1

描述:TTC1, also known as tetratricopeptide repeat protein 1, is composed of 292 amino acids with three TPR motifs, as a Galpha16-binding protein. The interaction was confirmed both in vitro and in transfected mammalian cells, where TTC1 also binds to several other Galpha proteins. TTC1 was found to interact with Ha-Ras preferentially in its active form. Recombinant human TTC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量:36.1 kDa (316aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMGEKSENCVPEDLLNGLKVTDTQEAECAGPPVPDPKNQHSQSKLLRDDEAHL  
QEDQGEEECFHDCSASFEEEPGADKVENKSNEDVNSELDEEYLIELEKNMSDEEKQKRREESTRLKEEGNEQFKKGDYIE  
AESSYSRALEMCPSCFQKERSILFSNRAAARMKQDKKEMAINDCSKAIQLNPSYIRAILRRAELYEKTDKLDEALEDYKSILEK  
DPSIHQAREACMRLPKQIEERNERLKEEMLGKLDLGNLVLRFGLSTENFQIKQDSSTGSGYSINQNPNNNR

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.