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TWF1, 1-252aa, Human, His tag, E.coli

产品货号: TP04353

第三版

别名:Twinfilin-1, PTK9

描述:TWF1 is a ubiquitous actin-monomer-binding protein that is composed of two ADF-homology domains. It forms a 1:1 complex with ADP-actin-monomers, inhibits nucleotide exchange on actin monomers and prevents assembly of the monomer into filaments. This protein composed of two ADF/cofilin-like (ADF-H) domains connected by a short linker region and followed by a C-terminal tail of 20 residues. The two ADF-H domains are 20% homologous to ADF/cofilin and to each other. Recombinant human TWF1 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 40% glycerol, 0.15M NaCl, 1mM DTT

分子量:31.5 kDa (277aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMMLYAATRATLKKKEFGGGHIKDEVFGTVKEDVSLHGYKKYLLSQSSPAPLTAEE
ELRQIKINEVQTDVGVDTKHQTLQGVAFPI SREAFQALEKLNNRQLNYVQLEIDIKNEI IILANTTNTLKDLPKRIPKDSAR
YHFFLYKHSHEGDYLE SIVFIYSMPGYTCSIRERMLYSSCKSRLL EIVERQLQMDVIRKIEIDNGDEL TADFLYEEVHPKQHA
HKQSFAPKGPAGKRGIRRLIRGPAETEATTD

纯度:> 95% by HPLC

浓度:0.25 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.