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TIPIN, 1-301aa, Human, His tag, E.coli

产品货号: TP04226

第三版

别名: TIMELESS interacting protein, TIMELESS-interacting protein

描述: TIPIN belongs to the CSM3 family. This protein is required for normal progression of S-phase and important for cell survival after DNA damage or replication stress. TIPIN may be specifically required for the ATR-CHEK1 pathway in the replication checkpoint induced by hydroxyurea or ultraviolet light. Recombinant human TIPIN, 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 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 36.9kDa (324 aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMGSMLEPQENGVIDLPDYEHVVEDETFPPFPPASPERQDGEGTEPDEESGNGAPVPVPPK  
RTVKRNIPKLDQAQLISERGLPALRHVFDKAKFKGKGHEAEDLKMLIRHMEHWAHRLFPKLFQEDFIDRVEYLGSKKEVQ  
TCLKRIRLDLPILHEDFVSNNDVAENNEHDVTSTELDPFLTNLSESEMFASELSRSLTEEQQQRIERNKQLALERRQAKLLS  
NSQTLGNDMLMNTPRAHTVEEVNTDEDQKEESNGLNEDILDNPCNDAIANTLNEEETLLDQSFKNVQQQLDATSRNITE  
AR

纯度: > 95% by HPLC

浓度: 0.5 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.