

32-5091: Recombinant Human TIMELESS Interacting Protein

Alternative Name : TIMELESS Interacting Protein, CSM3 Homolog.

Description

Source : Escherichia Coli. TIPIN Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 324 amino acids (1-301) and having a molecular mass of 36.9kDa. TIPIN is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TIPIN is a member of the CSM3 family. TIPIN protein is essential for normal advancement of S-phase and vital for cell existence after DNA damage or replication stress. TIPIN is specifically necessary for the ATR - CHEK1 pathway in the replication checkpoint induced by hydroxyurea or ultraviolet light.

Product Info

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| Amount : | 10 µg |
| Purification : | Greater than 85.0% as determined by SDS-PAGE. |
| Content : | The TIPIN solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 10% glycerol. |
| Storage condition : | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MGSMLPQEN GVIDLPDYEYH VEDEFPPFP PPASPERQDG EGTEPDEESG NGAPVPVPPK RTVKNIPKL DAQLISERG LPALRHVFDK AKFKGKGHEA EDLKMLIRHM EHWAHRLF PK LQFEDFIDRV EYLGSKKEVQ TCLKRIRLDL PILHEDFVSN NDEVAENNEH DVTSTELDPF LTNLSESEMF ASELRSLTE EQQRIERNK QLALERRQAK LLSNSQTLGN DMLMNTPAH TVEEVNTDED QKEESNGLNE DILDNPCNDA IANTLNEEET LLDQSFKNVQ QQLDATSRNI TEAR |