Recombinant Human TIPIN, His-tagged

Cat. No. TIPIN-2342H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TIPIN, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	324 aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	36.9kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLEPQEN GVIDLPDYEH VEDETFPPFP PPASPERQDG EGTEPDEESG NGAPVPVPPK RTVKRNIPKLDAQRLISERG LPALRHVFDK AKFKGKGHEA EDLKMLIRHM EHWAHRLFPK LQFEDFIDRV EYLGSKKEVQ TCLKRIRLDL PILHEDFVSN NDEVAENNEH DVTSTELDPF LTNLSESEMF ASELSRSLTE EQQQRIERNK QLALERRQAK LLSNSQTLGN DMLMNTPRAH TVEEVNTDEDQKEESNGLNE DILDNPCNDA IANTLNEEET

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	LLDQSFKNVQ QQLDATSRNI TEAR
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml

GENE INFORMATION

Gene Name	TIPIN TIMELESS interacting protein [Homo sapiens]
Official Symbol	TIPIN
Synonyms	TIPIN; TIMELESS interacting protein; TIMELESS-interacting protein; CSM3 homolog (S. cerevisiae); FLJ20516; CSM3 homolog;
Gene ID	54962
mRNA Refseq	NM_017858
Protein Refseq	NP_060328
MIM	610716
UniProt ID	Q9BVW5
Chromosome Location	15q22.31

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Function	protein binding;

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