
Product Data Sheet

Product Name: TIPIN Human
 Cat. No.: GP24841
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TIMELESS Interacting Protein; CSM3 Homolog.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMLEPQEN GVIDLPDYEY VEDEFPPFP PPASPERQDG EGTEPDEESG NGAPVPVPPK RTVKRNIPKL DAQLISERG LPALRHVFDK AKFKGKGHEA EDLKMLIRHM EHWAHRLFPK LQFEDFIDRV EYLGSKKEVQ TCLKRIRLDL PILHEDFVSN NDEVAENNEH DVTSTELDPF LTNLSESEMF ASELRSRSLTE EQQRRIERNK QLALERRQAK LLSNSQTLGN DMLMNTPRAH TVEEVNTDED QKEESNGLNE DILDNPCNDA IANTLNEEET LLDQSFKNVQ QQLDATSRNI TEAR		
Formulation	The TIPIN solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.		

Introduction

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 ultraviolet light.

Stability

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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