
Product Data Sheet

Product Name: TRIM28 Human

Cat. No.: GP24882

Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Transcription intermediary factor 1-beta; TIF1-beta; E3 SUMO-protein ligase TRIM28; KRAB-associated protein 1; KAP-1; KRAB-interacting protein 1; KRIP-1; Nuclear corepressor KAP-1; RING finger protein 96; Tripartite motif-containing protein 28; TRIM28; KAP1; RNF96; TIF1B; Tripartite motif containing 28; RNF96; TF1B.		
Amino Acid Sequence	<p>MGSSHHHHHH SGLVPRGSH MGSKLIYFQL HRALKMIVDP VEPHGEMKFQ WDLNAWTKSA EAFGKIVAER PGTNSTGPAP MAPPRAPGPL SKQGS GSSQP MEVQEGYGFG SGDDPYSSAE PHVSGVKRSR SGEGEVSGLM RKVPRVSLER LDLDTADSQ PPVFKVFP GS TTEDYNLIVI ERGAAAAATG QPGTAPAGTP GAPPLAGMAI VKEEETAAI GAPPTATEGP ETKPVMALA EGPGAEGPRL ASPSGSTSSG LEVVAPEGTS APGGGPGTLD DSATICRVCQ KPGDLVMCNQ CEFCFHL DCH LPALQDVPGE EWSCSLCHVL PDLKEEDGSL SLDGADSTGV VAKLSPANQR KCERVLLALF CHEPCRPLHQ LATDSTFSLD QPGGTLDLTL IRARLQEKLS PPYSSPQEFA QDVGRMFKQF NKLTEDKADV QSIIGLQRFF ETRMNEAFGD.</p>		
Formulation	The TRIM28 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

Introduction

Tripartite Motif Containing 28 (TRIM28) which is a member of the tripartite motif family includes 3 zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. TRIM28 mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors. TRIM28 is restricted to the nucleus and connected with particular chromatin regions.

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

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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

TRIM28 Human Recombinant produced in E. coli is a single polypeptide chain containing 460 amino acids (366-802) and having a molecular mass of 48.7 kDa. TRIM28 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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