Recombinant Human TRIM28, His-tagged

Cat. No. TRIM28-2325H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TRIM28 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	366-802aa
Description	The protein encoded by this gene mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors. The protein localizes to the nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea.
Molecular Mass	48.7 kDa (460aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSKLIYFQL HRALKMIVDP VEPHGEMKFQ WDLNAWTKSA EAFGKIVAER PGTNSTGPAP MAPPRAPGPLSKQGSGSSQP MEVQEGYGFG SGDDPYSSAE PHVSGVKRSR SGEGEVSGLM RKVPRVSLER LDLDLTADSQ PPVFKVFPGS TTEDYNLIVIERGAAAAATG QPGTAPAGTP GAPPLAGMAI VKEEETEAAI GAPPTATEGP ETKPVLMALA EGPGAEGPRL

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	ASPSGSTSSG LEVVAPEGTSAPGGGPGTLD DSATICRVCQ KPGDLVMCNQ CEFCFHLDCH LPALQDVPGE EWSCSLCHVL PDLKEEDGSL SLDGADSTGV VAKLSPANQRKCERVLLALF CHEPCRPLHQ LATDSTFSLD QPGGTLDLTL IRARLQEKLS PPYSSPQEFA QDVGRMFKQF NKLTEDKADV QSIIGLQRFFETRMNEAFGD
Purity	> 90% 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	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	TRIM28 tripartite motif containing 28 [Homo sapiens (human)]
Official Symbol	TRIM28
Synonyms	TRIM28; KAP1; TF1B; RNF96; TIF1B; tripartite motif containing 28; transcription intermediary factor 1-beta; KAP-1; KRIP-1; TIF1-beta; RING finger protein 96; KRAB-associated protein 1; nuclear corepressor KAP-1; KRAB-interacting protein 1; E3 SUMO-protein ligase TRIM28; tripartite motif-containing 28; tripartite motif-containing protein 28; transcriptional intermediary factor 1-beta
Gene ID	10155
mRNA Refseq	NM_005762

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Protein Refseq	NP_005753
MIM	601742
UniProt ID	Q13263
Chromosome Location	19q13.4
Pathway	C-MYB transcription factor network; E2F transcription factor network; Generic Transcription Pathway
Function	DNA binding; Krueppel-associated box domain binding; chromo shadow domain binding

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