

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 LDLDTADSQ PPVFKVFP GS TTEDYNLIVIERGAAAAATG QPGTAPAGTP GAPPLAGMAI VKEEETAAI GAPPTATEGP ETKPVL MALA EGPGAEGPRL

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ASPSGSTSSG LEVVAPEGTSAPGGGGPGTLD 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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