

Recombinant human KAP1 protein

Catalog Number: ATGP2325

PRODUCT INFORMATION

Expression system

E.coli

Domain

366-802aa

UniProt No.

Q13263

NCBI Accession No.

NP_005753

Alternative Names

Transcription intermediary factor 1-beta, Transcription intermediary factor 1-beta, Tripartite motif containing 28, KAP1, RNF96, TF1B, TIF1B

PRODUCT SPECIFICATION

Molecular Weight

48.7 kDa (460aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TRIM28 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. Recombinant human TRIM28 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

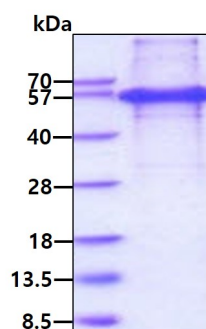
<MGSSHHHHHH SSGLVPRGSH MGS>KLIYFQL HRALKMIVDP VEPHGEMKFQ WDLNAWTKSA EAFGKIVAER
PGTNSTGPAP MAPPRAPGPL SKQGSGSSQP MEVQEGYGFG SGDDPYSSAE PHVSGVKRSR SGEGEVSGLM RKVPRVSLER
LDLDTADSQ PPVFKVFPQS TTEDYNLIVI ERGAAAAATG QPGTAPAGTP GAPPLAGMAI VKEEETAAI GAPPTATEGP
ETKPVLMALE EGPGAEGPRL ASPSGSTSSG LEVVAPEGTS APGGGPGTLD DSATICRVCQ KPGDLVMCNQ CEFCFHLDC
LPALQDVPGE EWSCSLCHVL PDLKEEDGSL SLDGADSTGV VAKLSPANQR KCERVLLALF CHEPCRPLHQ LATDSTFSLD
QPGGTLDLTL IRARLQEKLS PPYSSPQEFA QDVGRMFKQF NKLTEDKADV QSIIGLQRFF ETRMNEAFGD

General References

Friedman J.R., et al. (1996). Genes Dev. 10:2067-2078

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.