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

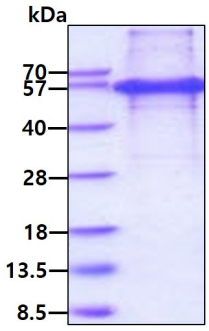
<MGSSHHHHHH SSGLVPRGSH MGS>KLIYFQL HRALKMIVDP VEPHGEMKFQ WDLNAWTKSA EAFGKIVAER PGTNSTGPAP MAPPRAPGPL SKQGSGSSQP MEVQEGYGFG SGDDPYSSAE PHVSGVKRSR SGEGEVSGLM RKVPRVSLER LDLDLTADSQ PPVFKVFPGS TTEDYNLIVI ERGAAAAATG QPGTAPAGTP GAPPLAGMAI VKEEETEAAI GAPPTATEGP ETKPVLMALA EGPGAEGPRL ASPSGSTSSG LEVVAPEGTS APGGGPGTLD DSATICRVCQ KPGDLVMCNQ CEFCFHLDCH 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.