NKMAXBio We support you, we believe in your research

Recombinant human KIN17 protein

Catalog Number: ATGP1797

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-393aa

UniProt No.
O60870

NCBI Accession No.
NP_036443

Alternative Names
DNA/RNA-binding protein KIN17, BTCD, KIN17, KIN

PRODUCT SPECIFICATION

Molecular Weight
47.8 kDa (416aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

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
DNA/RNA-binding protein KIN17, also known as KIN17, is a nuclear protein that forms intranuclear foci during proliferation and is redistributed in the nucleoplasm during the cell cycle. KIN17 is ubiqutiously expressed with the highest levels of expression in muscle, heart and testis. SV40-transformed fibroblasts overexpress KIN17, which interacts with Large T antigen and reduces T-antigen-dependent DNA replication. Recombinant human KIN17 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant human KIN17 protein

Catalog Number: ATGP1797

Amino acid Sequence

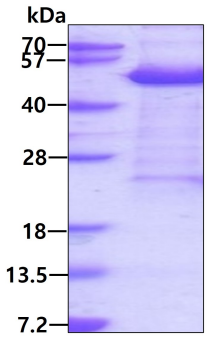
<MGSSHHHHHH SSGLVPRGSH MGS>MGKSDFL TPKAIANRIK SKGLQKLRWY CQMCQKQCRD ENGFKCHCMS ESHQRQLLLA SENPQQFMDY FSEEFRNDFL ELLRRRFGTK RVHNNIVYNE YISHREHIHM NATQWETLTD FTKWLGREGL CKVDETPKGW YIQYIDRDPE TIRRQLELEK KKKQDLDDEE KTAKFIEEQV RRGLEGKEQE VPTFTELSRE NDEEKVTFNL SKGACSSSGA TSSKSSTLGP SALKTIGSSA SVKRKESSQS STQSKEKKKK KSALDEIMEI EEEKKRTART DYWLQPEIIV KIITKKLGEK YHKKKAIVKE VIDKYTAVVK MIDSGDKLKL DQTHLETVIP APGKRILVLN GGYRGNEGTL ESINEKTFSA TIVIETGPLK GRRVEGIQYE DISKLA

General References

Biard D S., et al. (1997) Radiat Res. 147:42-450
Mazin A., et al. (1994) Nucleic Acids Res. 22: 4335-4341.

DATA

SDS-PAGE



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