

KIN17, 1-393aa, Human, His tag, E.coli

Cat.NO.: TP02727

3th Edition

Synonyms:DNA/RNA-binding protein KIN17, BTCD, KIN17, KIN

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 ubiquitously 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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol

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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMGKSDFLTPKAIANRIKSKGLQKLRWYQCQKQCRDENGFKCHCMSESH
QRQLLLASENPQQFMDYFSEEFRNDFLELLRRRFGTKRVHNNIVYNEYISHREHIHMNATQWETLTDFTKWLGREG
LCKVDETPKGWYIQYIDRDPETIRRQLELEKKKKQDLDEEKTAKFIEEQVRRGLEGKEQEVPTFTELSRENDEEKV
TFNLSKGACSSSGATSSKSSTLGPSALKTIGSSASVKRKESQSSQSKKKKKKKSALDEIMEIEEEKKRTARTDYW
LQPEIIVKIITKKLGEKYHKKKAIVKEVIDKYTAVVKMIDSGDKLKDQTHLETVIPAPGKRILVNLGGYRGNEGTLESIN
EKTFSATIVIETGPLKGRRVEGIQYEDISKLA

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.