

**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:**

MGSSHHHHHHSSGLVPRGSHMGSMGKSDFLTPKAIANRIKSKGLQKLRWYQCMCQKQCRDENGFKCHCMSESH  
QRQLLLASENPQQFMDYFSEEFRNDFLELLRRRFGTKRVHNNIVYNEYISHREHIHMNATQWETLTDFTKWLGREG  
LCKVDETPKGWYIQYIDRDPETIRRQLELEKQDLDEEKTAKFIEEQVRRGLEGKEQEVPTFTELSRNDEEKV  
TFNLSKGACSSSGATSSKSSTLGPSALKTIGSSASVKRKESSQSSTQSKEKKKKKSALDEIMEIEEEKKRTARTDYW  
LQPEIIVKIITKKLGEKYHKKKAIVKEVIDKYTAVVKMIDSGDKLKDQTHLETVIPAPGKRILVLNGGYRGNEGTLESIN  
EKTFSATIVETGPLKGRRVEGIQYEDISKLA

**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.