

RANBP3, 235-445aa, Human, His tag, E.coli

Cat.NO.: TP03671

3th Edition

Synonyms:Ran-binding protein 3 isoform RANBP3-b, RAN binding protein 3

Description:RANBP3 is a protein with a RanBD1 domain that is found in both the nucleus and cytoplasm. This protein plays a role in nuclear export as part of a heteromeric complex. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Recombinant human RANBP3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

Molecular Weight:25.5 kDa (234aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSISSSLENSTNSADASSNKVFVFGQNMSEVLSPPKLNEVSSDANRENAAAES
GSESSSQEATPEKESLAESAAAYTKATARKCLLEKVEVITGEEAESNVLQMCKLFFDKTSQSWVERGRGLLRN
DMASTDDGTLQSRLVMRTQGSLRLILNNTKLWAQMIDKASEKSIRITAMDTEDQGVKVFLLISASSKDTGQLYAALHH
RILALRS

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.