

# Recombinant human RANBP3 protein

Catalog Number: ATGP2714

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

235-445aa

### UniProt No.

Q9H6Z4

### NCBI Accession No.

NP\_015559

### Alternative Names

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

## PRODUCT SPECIFICATION

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### Molecular Weight

25.5 kDa (234aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

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

### Purity

> 95% 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

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### 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.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSISSSLEN STNSADASSN KFVFGQNMSE RVLSPPKLNE VSSDANRENA AAESGSESSS

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QEATPEKESL AESAAAYTKA TARKCLLEKV EVITGEEAES NVLQMCKLF VFDKTSQSWV ERGRGLLRN DMASTDDGTL  
QSRLVMRTQG SLRLILNTKL WAQMQIDKAS EKSIRITAMD TEDQGVKVFV ISASSKDTGQ LYAALHHRIL ALRS

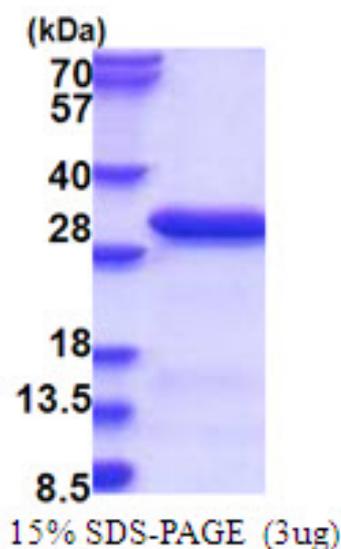
## General References

Mueller L., Cordes V.C., et al. (1996) FEBS Lett. 427:330-336

## DATA

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### SDS-PAGE



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