

# Recombinant human ZCCHC17 protein

Catalog Number: ATGP0977

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-241aa

### UniProt No.

Q9NP64

### NCBI Accession No.

NP\_057589

### Alternative Names

Nucleolar protein of 40 kDa, HSPC251, pNO40, PS1D, RP11-266K22.1, zinc finger CCHC domain containing 17, putative S1 RNA-binding domain protein

## PRODUCT SPECIFICATION

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### Molecular Weight

30 kDa (264aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 0.1M NaCl, 0.1mM PMSF

### 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

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### Description

ZCCHC17, also known as pNO40 or PS1D, is a 241 amino acid protein that interacts with both Pinin and the 60S ribosomal subunit. Localizing to nucleolus, ZCCHC17 is ubiquitously expressed and has been suggested to play a role in ribosome maturation and biogenesis. Recombinant human ZCCHC17 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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### Amino acid Sequence

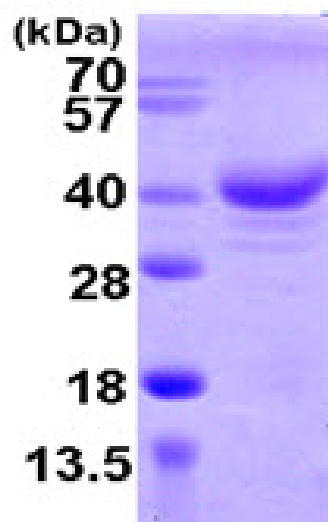
MGSSHHHHHH SSGLVPRGSH MGSMNNGRPE TMENLPALYT IFQGEVAMVT DYGAFIKIPG CRKQGLVHRT HMSSCRVDPK  
SEIVDVGDKV WVKLIGREM KNDRIKVSLSM KVVNQGTGKD LDPNNVIEQ EERRRRSFQD YTGQKITLEA VLNTTCKKCG  
CKGHFAKDCF MQPGGTKYSL IPDEEEEEKEE AKSAEFEKPD PTRNPSRKRK KEKKKKKHRD RKSSSDSDSSD SESDTGKRAR  
HTSKDSKAAK KKKKKKKHKK KHKE

### General References

Chang W.-L., et al. (2003) *Biochem. Biophys. Res. Commun.* 307:569-577  
Betarbet, R., et al. (2008) *Neurobiol. Dis.* 31: 309-315

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)