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# Recombinant human ZCCHC17 protein

Catalog Number: ATGP0977

# **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-241aa

#### **UniProt No.**

**09NP64** 

#### **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**

# **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**

#### 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**

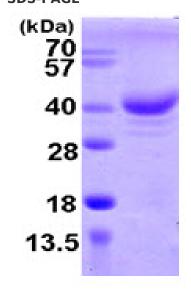
MGSSHHHHHH SSGLVPRGSH MGSMNSGRPE TMENLPALYT IFQGEVAMVT DYGAFIKIPG CRKQGLVHRT HMSSCRVDKP SEIVDVGDKV WVKLIGREMK NDRIKVSLSM KVVNQGTGKD LDPNNVIIEQ EERRRRSFQD YTGQKITLEA VLNTTCKKCG CKGHFAKDCF MQPGGTKYSL IPDEEEEKEE AKSAEFEKPD PTRNPSRKRK KEKKKKKHRD RKSSDSDSSD SESDTGKRAR HTSKDSKAAK KKKKKKKHKK KHKE

#### **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**



15% SDS-PAGE (3ug)

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

