Recombinant human ZCCHC17 protein

Catalog Number: ATGP0977

PRODUCT INFORMATION

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

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

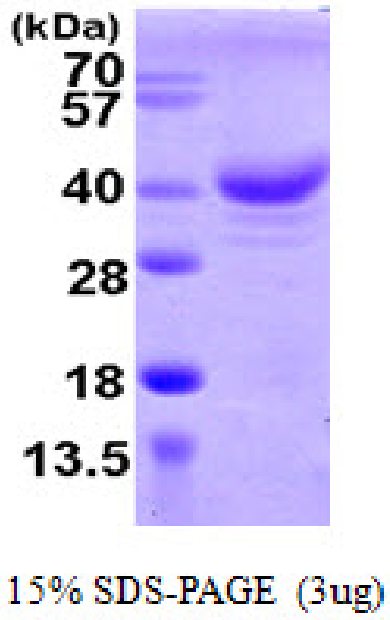
MGSSHHHHHH SSGLVPRGSH MGSMNSGRPE TMENLPALYT IFQGEVAMVT DYGAFIKIPG CRKQGLVHRT HMSSCRVDKP SEIVDVGDKV WVKLIGREMK NDRIKVSLSM KVVNQGTGKD LDPNNVIIEQ EERRRRSFQD YTGQKITLEA VLNTTCKKCG CKGHFAKDCF MQPGGTKYSL IPDEEEEKEE AKSAEFEKPD PTRNPSRKRK KEKKKKKHRD RKSSDSDSSD SESDTGKRAR HTSKDSKAAK KKKKKKKHKK KHKE

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.