

**ZCCHC12, 1-402aa, Human, His tag, E.coli**

**Cat.NO.: TP04529**

---

3th Edition

**Synonyms:**Znc finger CCHC domain-containing protein 12, PNMA7A, SIZN, SIZN1

**Description:**ZCCHC12 belongs to the ZCCHC12 family and contains 1 CCHC-type zinc finger. This protein is a transcriptional coactivator in the bone morphogenetic protein (BMP)-signaling pathway. It positively modulates BMP signaling by interacting with SMAD1 and associating with CBP in the transcription complex. It contributes to the BMP-induced enhancement of cholinergic-neuron-specific gene expression. Recombinant human ZCCHC12 protein , fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

**Molecular Weight:**47.8kDa (425aa)

**Sequences:**

```
MGSSHHHHHSSGLVPRGSHMGSMASIIARVGNSRRLNAPLPPWAHSMRLRSLGRSLGPIMASMADRNMKLFSGR
VVPAQGEETFENWLTQVNGVLPDWNMSEEEKLKRLMKTLRGPAREVMRVLQATNPNLSVADFLRAMKLVFGESE
SSVTAHGKFFNTLQAQGEKASLYVIRLEVQLQNAIQAGIIAEKDANRTRLQQLLLGGELSRDLRLRLKDFLRMYANE
QERLPNFLELIRMVREEEDWDDAFIKRKRPKRSESMVERAVSPVAFQGSPPIVIGSADCNVIEIDDTLDDSDDEDVILV
ESQDPPLPSWGAPPLRDRARPQDEVLVIDSPHNSRAQFPSTSGGSGYKNNPGEMRRARKRKHTIRCSYCGEEG
HSKETCDNESDKAQVFENLIITLQELTHTEMERSRVAPGEYNDSEPL
```

**Purity:**> 95% by HPLC

**Concentration:**1 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.