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## Product Data Sheet

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Product Name: ZCCHC12 Human

Cat. No.: GP25040

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PNMA7A; SIZN; SIZN1; Zinc finger CCHC domain-containing protein 12; Smad-interacting zinc finger protein 1; ZCCHC12.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMASIIAR VGNSRRLNAP LPPWAHSMLR SLGRSLGPIM ASMADRNMKL FSGRVVPAQG EETFENWLTQ VNGVLPDWNM SEEEKLKRLM KTLRGPAREV MRVLQATNPN LSVADFLRAM KLVFGESESS VTAHGKFFNT LQAQGEKASL YVIRLEVQLQ NAIQAGIIAE KDANRTRLQQ LLLGGELSRD LRLRLKDFLR MYANEQERLP NFLELIRMVR EEEDWDDAFI KRKRPKRSES MVERAVSPVA FQGSPPIVIG SADCNVIEID DTLDDSDDEDV ILVESQDPPL PSWGAPPLRD RARPQDEVLV IDSPHNSRAQ FPSTSGGSGY KNNPGEMRR ARKRKHTIRC SYCGEEGHSK ETCDNESDKA QVFENLIITL QELTHTEMER SRVAPGEYND FSEPL.		
Formulation	ZCCHC12 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.		

**Introduction**

Zinc Finger, CCHC Domain Containing 12 (ZCCHC12) which holds 1 CCHC-type zinc finger is a part of the ZCCHC12 family. ZCCHC12 takes part in the bone morphogenetic protein (BMP)-signaling pathway as a transcriptional coactivator. BMP signaling is positively modulated as a result of the interaction between ZCCHC12 with SMAD1 and the association with CBP in the transcription complex.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

ZCCHC12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 425 amino acids (1-402 a.a) and having a molecular mass of 47.8kDa. ZCCHC12 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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