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# Recombinant human ZNHIT1 protein

Catalog Number: ATGP2627

### **PRODUCT INFORMATION**

### **Expression system**

E.coli

#### **Domain**

1-154aa

#### **UniProt No.**

043257

#### **NCBI Accession No.**

NP 006340

#### **Alternative Names**

Zinc finger HIT domain-containing protein 1, Zinc finger, HIT-type containing 1, CG1I, ZNFN4A1

## **PRODUCT SPECIFICATION**

#### **Molecular Weight**

19.9 kDa (177aa)

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

#### **Purity**

> 95% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE, Denatured

## **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**

ZNHIT1 belongs to the ZNHIT1 family and contains 1 HIT-type zinc finger. The protein is induced by DNA damage and seems to play role in p53-mediated apoptosis induction. ZNHIT1 interacts with MAPK11 and MAPK14 and is component of the chromatin-remodeling SRCAP complex composed of at least SRCAP, DMAP1, RuVBL1, RuVBL2, ACTL6A, YEATS4, ACTR6 and ZNHIT1. Recombinant human ZNHIT1 protein, fused to His-tag at N-terminus, was expressed in E. coli.



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# **Amino acid Sequence**

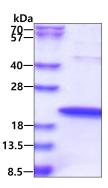
<MGSSHHHHHH SSGLVPRGSH MGS>MVEKKTS VRSQDPGQRR VLDRAARQRR INRQLEALEN DNFQDDPHAG LPQLGKRLPQ FDDDADTGKK KKKTRGDHFK LRFRKNFQAL LEEQNLSVAE GPNYLTACAG PPSRPQRPFC AVCGFPSPYT CVSCGARYCT VRCLGTHQET RCLKWTV

#### **General References**

Cuadrado A., et al. (2007) EMBO J. 26:2115-2126

# **DATA**

#### **SDS-PAGE**



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

