

# Recombinant human ZNHIT1 protein

Catalog Number: ATGP2627

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-154aa

### UniProt No.

O43257

### NCBI Accession No.

NP\_006340

### Alternative Names

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

## PRODUCT SPECIFICATION

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### 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

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### 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

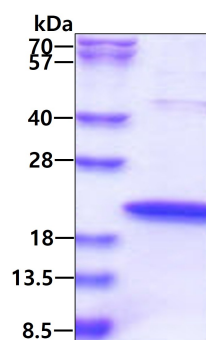
<MGSSHHHHHH SSGLVPRGSH MGS>MVEKKTS VRSQDPGQRR VLDRAARQRR INRQLEALEN DNFQDDPHAG  
LPQLGKRLPQ FDDADTGKK KKKTRGDHFK LRFRKNFQAL LEEQNLSVAE GPNYLTACAG PPSRPQRPFCAVCGFPSPYT  
CVSCGARYCT VRCLGTHQET RCLKWTV

## 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.