

# Recombinant human THAP7 protein

Catalog Number: ATGP2717

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-309aa

### UniProt No.

Q9BT49

### NCBI Accession No.

NP\_001008695

### Alternative Names

THAP domain-containing protein 7, THAP domain containing 7

## PRODUCT SPECIFICATION

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### Molecular Weight

36.8 kDa (332aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

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

### Purity

> 85% 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

THAP7 contains 1 THAP-type zinc finger. The protein is a chromatin-associated, histone tail-binding protein that represses transcription via recruitment of HDAC3 and nuclear hormone receptor corepressors. Recombinant human THAP7 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMPRHCSA AGCCTRDTR TRNRGISFHR LPKKNPRRG LWLANCQLD  
PSGQGLWDPA SEYIYFCSKH FEEDCFELVG ISGYHRLKEG AVPTIFESFS KLRRTTKTKG HSYPPGPAEV SRLRRCRKRC

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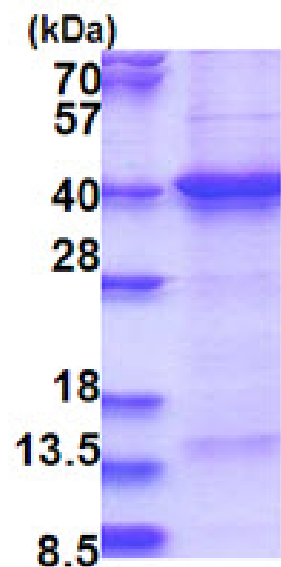
SEGRGPTTPF SPPPPADVTC FPVEEASAPA TLPASPAGRL EPGLSSPFSD LLGPLGAQAD EAGCSAQSP ERQPSPLEPR  
PVSPSAYMLR LPPPAGAYIQ NEHSYQVGS A LLWKRRAEAA LDALDKAQRQ LQACKRREQR LRLRLTKLQQ ERAREKRAQA  
DARQTLKEHV QDFAMQLSSS MA

## General References

Macfarlan T., Kutney S. et al. (2005). J. Biol. Chem. 280:7346-7358

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)