

AR50341PU-S

Human THAP1 (1-213, His-tag) - Purified

Alternate names:

THAP domain-containing protein 1

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

THAP domain-containing protein 1, also known as THAP1, is a 213 amino acid protein that localizes to the nucleoplasm and contains one THAPtype zinc finger, a conserved DNA-binding domain. It is a DNA-binding transcription regulator that regulates endothelial cell proliferation and G1/S cell-cycle progression. THAP1 may also have pro-apoptotic activity by potentiating both serum-withdrawal and TNF-induced apoptosis.

Uniprot ID:

[Q9NVV9](#)

NCBI:

[NP_060575](#)

GeneID:

[55145](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 10% glycerol, 1mM DTT, 0.2M NaCl

Description:

Recombinant human THAP1protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSVMQSCS AYGCKNRYDK DKPVSFHKFP LTRPSLCKEW
EAAVRRKNFK PTKYSSICSE HFTPDCFKRE CNNKLLKENA VPTIFLCTEP HDKKEDLLEP
QEQLPPPPLP PPVSQVDAAI GLLMPPLQTP VNLSVFCDHN YTVEDTMHQR KRIHQLEQQV
EKLRKKLKTA QRCRRQERQ LEKLKEVVHF QKEKDDVSER GYVILPNDYF EIVEVPA

Molecular weight: 27.5 kDa (237aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

Roussigne M., et al. (2003) Oncogene 22:2432-2442.Clouaire T., et al. (2005) Proc Natl Acad Sci. 102:6907-6912.

Pictures:

