

Recombinant Human THAP Domain Containing, Apoptosis Associated Protein 1, His-tagged

Cat. No. THAP1-5594H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanTHAP1 protein, fused to His-tag at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	THAPdomain-containing protein 1, also known as THAP1, is a 213 amino acid proteinthat localizes to the nucleoplasm and contains one THAPtype zinc finger, aconserved DNA-binding domain. It is a DNA-binding transcription regulatorthat regulates endothelial cell proliferation and G1/S cell-cycleprogression. THAP1 may also have pro-apoptotic activity by potentiating bothserum-withdrawal and TNF-induced apoptosis.
Form	Liquid. In 20mMTris-HCl buffer (pH 8.0) containing 2M Urea, 10% glycerol, 1mM DTT, 0.2M NaCl.
Molecular Weight	27.5 kDa(237aa)
Purity	> 85%by SDS-PAGE
Concentration	1 mg/ml(determined by Bradford assay)
Sequences of	MGSSHHHHHHSSGLVPRGSH MGSHMVQSCS AYGCKNRYDK DKPVSFHKFP

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aminoacids

LTRPSLCKEW EAAVRRKNFKPTKYSSICSE HFTPDCFKRE CNNKLLKENA
 VPTIFLCTEP HDKKEDLLEP QEQLPPPPLP PPVSQVDAAGLLMPPLQTP
 VNLSVFCDHN YTVEDTMHQR KRIHQLEQQV EKLRKKLKTA QQRCCRQERQ
 LEKLKEVVHFQKEKDDVSER GYVILPNDYF EIVEVPA

Storage

Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name THAP1 THAP domain containing,apoptosis associated protein 1 [Homo sapiens]

Official Symbol THAP1

Synonyms THAP1; THAP domain containing, apoptosisassociated protein 1; DYT6; FLJ10477; MGC33014; THAP domain-containingprotein 1; 4833431A01Rik; THAP domain protein 1; nuclear proapoptotic factor;dystonia 6, torsion (autosomal dominant); OTTHUMP00000229191;OTTHUMP00000229192; OTTHUMP00000229193

Gene ID 55145

mRNA Refseq NM_018105

Protein Refseq NP_060575

MIM 609520

UniProt ID Q9NVV9

Chromosome Location 8p11.21

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Function

metal ion binding; sequence-specific DNA binding; zinc ion binding

Rendering based on
PDB 2JTG.

