

Recombinant Human THAP1, His-tagged

Cat. No. THAP1-15857H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human THAP1 protein, fused to His tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Protein Length	1-213 aa
Description	THAP domain-containing protein 1, also known as THAP1, is a 213 amino acid protein that localizes to the nucleoplasm and contains one THAP type 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 10% glycerol, 1mM DTT, 0.2M NaCl
Molecular Mass	27.5 kDa (237aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMVQSCS AYGCKNRYDK DKPVSFHKFP LTRPSLCKEW EAAVRRKNFK PTKYSSICSE HFTPDCFKRE CNNKLLKENA VPTIFLCTEP HDKKEDLLEP QEQLPPPLP PPVSQVDAI GLLMPPLQTP VNLSVFCDHN YTVEDTMHQR KRIHQLEQQVEKLRKKLKTA QQRCCRQERQ

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LEKLKEVVHF QKEKDDVSER GYVILPNDYF EIVEVPA

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

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

Official Symbol THAP1

Synonyms THAP1; THAP domain containing, apoptosis associated protein 1; dystonia 6, torsion (autosomal dominant) , DYT6; 4833431A01Rik; FLJ10477;

Gene ID 55145

mRNA Refseq NM_018105

Protein Refseq NP_060575

MIM 609520

UniProt ID Q9NVV9

Chromosome Location 8p11.1

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