

THAP1, 1-213 aa, Human, His tag, E.coli

Cat.NO.: TP04198

3th Edition

Synonyms:THAP domain-containing protein 1, DYT6

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

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 10% glycerol, 1mM DTT, 0.2M NaCl

Molecular Weight:27.5 kDa (237aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMVQSCSAYGCKNRYDKDKPVSFHKFPLTRPSLCKEWEAAVRRKNFKPTK
YSSICSEHFTPDCKRECNKLLKENAVPTIFLCTEPHDKKEDLLEPQEQLPPPPLPPPVSQVDAAGLLMPPLQTPV
NLSVFCDHNYTVEDTMHQRKRIHQLEQQVEKLRKLLKTAQQRCRRQERQLEKLKEVVHFQKEKDDVSERGYVILP
NDYFEIVEVPA

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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