9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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THAP1 Human

THAP Domain Containing, Apoptosis Associated Protein 1 Human Recombinant RCP2366

Product Overview

Name	THAP1 Human
Description	
THAP Domain Containing, Apoptosis Associated Protein 1 Human Recombinant	
Accession (Primary)	Q9NVV9
Synonyms	
THAP domain-containing protein 1, THAP1, DYT6.	
Introduction	
THAP domain-containing protein 1 (THAP1) is a 213 amino acid protein which is restricted to the nucleoplasm and contains one THAPtype zinc finger, a conserved DNA-binding domain. THAP1 is a DNA-binding transcription regulator which regulates endothelial cell proliferation and G1/S cell-cycle progression. In addition, THAP1 has a pro-apoptopic activity by potentiating both serum-withdrawal and TNF-induced apoptosis. THAP1 protein colocalizes with the apoptosis response protein PAWR/PAR-4 in promyelocytic leukemia (PML) nuclear bodies, and serves as a proapoptotic factor which connects PAWR to PML nuclear bodies.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
THAP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 10% glycerol, 1mM DTT and 0.2M NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MVQSCS AYGCKNRYDK DKPVSFHKFP LTRPSLCKEW EAAVRRKNFK PTKYSSICSE HFTPDCFKRE CNNKLLKENA VPTIFLCTEP HDKKEDLLEP QEQLPPPPLP PPVSQVDAAI	

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GLLMPPLQTP VNLSVFCDHN YTVEDTMHQR KRIHQLEQQV EKLRKKLKTA QQRCRRQERQ LEKLKEVVHF QKEKDDVSER GYVILPNDYF EIVEVPA.

Precautions

THAP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NVV9)