

Datasheet for ABIN7544470
THAP1 Protein (AA 1-213) (His tag)



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Overview

Quantity:	1 mg
Target:	THAP1
Protein Characteristics:	AA 1-213
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This THAP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat THAP1 Protein expressed in mammalian cells.
Sequence:	MVQSCSAYGC KNRYDKDKPV SFHKFPLTRP SLCKEWAAV RRKNFKPTKY SSICSEHFTP DCFKRECNNK LLKENAVPTI FLCTEPHDKK EDLLEPQEQ L PPPPLPPPVS QVDAAIGLLM PPLQTPVNLS VFCDHNYTVE DTMHQRKRIH QLEQQVEKLR KKLKTAQQRC RRQERQLEKL KEVVHFQKEK DDVSERGYVI LPNDYFEIVE VPA Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	THAP1
Alternative Name:	THAP1 (THAP1 Products)
Background:	THAP domain-containing protein 1,FUNCTION: DNA-binding transcription regulator that regulates endothelial cell proliferation and G1/S cell-cycle progression. Specifically binds the 5'-[AT]NTNN[GT]GGCA[AGT]-3' core DNA sequence and acts by modulating expression of pRB-E2F cell-cycle target genes, including RRM1. Component of a THAP1/THAP3-HCFC1-OGT complex that is required for the regulation of the transcriptional activity of RRM1. May also have pro-apoptotic activity by potentiating both serum-withdrawal and TNF-induced apoptosis. {ECO:0000269 PubMed:12717420, ECO:0000269 PubMed:17003378, ECO:0000269 PubMed:20200153}.
Molecular Weight:	24.9 kDa
UniProt:	Q9NVV9

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months