

Product datasheet for SC307848

THAP1 (NM_199003) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THAP1 (NM_199003) Human Untagged Clone
Tag:	Tag Free
Symbol:	THAP1
Synonyms:	DYT6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307848 representing NM_199003. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGTGCAGTCTGCTCCGCCTACGGCTGCAAGAACCGCTACGACAAGGACAAGCCCGTTTCTTTCCAC
AAAAGAAGATCTTCTGGAGCCACAGGAACAGCTTCCCCACCTCCTTTACCGCTCCTGTTTCCAGG
TTGATGCTGCTATTGGATTACTAA
ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map:

ACCN: NM_199003

Insert Size: 162 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_199003.1</u>
RefSeq Size:	1993 bp
RefSeq ORF:	162 bp
Locus ID:	55145
UniProt ID:	<u>Q9NVV9</u>
Cytogenetics:	8p11.21
MW:	6.5 kDa
Gene Summary:	<p>The protein encoded by this gene contains a THAP domain, a conserved DNA-binding domain. This protein colocalizes with the apoptosis response protein PAWR/PAR-4 in promyelocytic leukemia (PML) nuclear bodies, and functions as a proapoptotic factor that links PAWR to PML nuclear bodies. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) lacks a coding exon compared to variant 1, which causes a frameshift. The resulting isoform (2) has a distinct and shorter C-terminus, as compared to isoform 1.</p>