

Product datasheet for **SC309251**

THAP3 (NM_138350) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: THAP3 (NM_138350) Human Untagged Clone
 Tag: Tag Free
 Symbol: THAP3
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >SC309251 representing NM_138350.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCCAAGTCGTGCGCGGCCCGGCAGTGCTGCAACCGCTACAGCAGCCGCAGGAAGCAGCTCACCTTC
CACCGTTTCCGTTCCAGCCGCCCGGAGCTGCTGAAGGAATGGGTGCTGAACATCGGCCGGGGCAACTTC
AAGCCCAAGCAGCACACGGTCATCTGCTCCGAGCACTCCGGCCAGAGTGCTTCAGCGCCTTTGAAAC
CGCAAGAACCTAAAGCACAATGCCGTGCCACGGTGTTTCGCTTCAGGACCCACACAGCAGGTGAGG
GAGAACACAGACCCTGCCAGTGAGAGAGGAAATGCCAGCTTTCTCAGAAAGAAAAGACTTCACCCTGC
CGTTCCAGGTCCTCCCTGAGGCGGGGGCCGAGAGGACAGTCTGGGAGAAACATGGACACTGCACCTT
GAAGAGCTTCAGTTGCCCCAAATGCCGAAGCCACGTAACAGGCAATGTTGTTAATGTAGAAAAT
GGAACCCAGCTTACGTGAAGCCTTGTGGTTGAGTGAGGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map:

ACCN: NM_138350

Insert Size: 528 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).



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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.
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_138350.3</u>
RefSeq Size:	2104 bp
RefSeq ORF:	528 bp
Locus ID:	90326
UniProt ID:	<u>Q8WTV1</u>
Cytogenetics:	1p36.31
MW:	19.7 kDa
Gene Summary:	<p>Component of a THAP1/THAP3-HCFC1-OGT complex that is required for the regulation of the transcriptional activity of RRM1.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses a different splice site and contains a different terminal exon, compared to variant 1. The resulting protein (isoform 2) has a shorter and distinct C-terminus when it is compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>