

## Product datasheet for SC322085

### THAP1 (NM\_018105) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | THAP1 (NM_018105) Human Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | THAP1                                  |
| Synonyms:                 | DYT6                                   |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | pCMV6-AC (PS100020)                    |
| E. coli Selection:        | Ampicillin (100 ug/mL)                 |

**Fully Sequenced ORF:** >OriGene sequence for SC322085  
GGAGATGGGAGACGGCGATGGCTGTGGTCCTTCTGCTAATGCAAACAACAAAACGGGCA  
CACTAGTCACCCCGAGGGAGGCCACCATCACTGTAAGTGTGGCCAAAGCTACAAAAGA  
AGCGAGGGAATCCAACCGAGCGCAGCGACTGAGAACAGCTTCCCTGCCTTCTGCGGC  
GGCAGAAGTGAAGTGCCTGAGGACCGGAAGGATGGTGCAGTCTGCTCCGCCTACGGCTG  
CAAGAACCCTACGACAAGGACAAGCCGTTTCTTCCACAAGTTTCTCTTACTCGACC  
CAGTCTTTGTAAGAATGGGAGGAGCTGTGAGAAGAAAACTTTAAACCCACCAAGTA  
TAGCAGTATTTGTTGAGGCACTTTACTCCAGACTGCTTAAGAGAGAGTGCAACAACAA  
GTTACTGAAAGAGAATGCTGTGCCACAATATTTCTTTGACTGAGCCACATGACAAGAA  
AGAAGATCTTCTGGAGCCACAGGAACAGCTTCCCCACCTCCTTACCGCCTCCTGTTTC  
CCAGGTTGATGCTGCTATTGGATTACTAATGCCGCTCTTCAGACCCCTGTTAATCTCTC  
AGTTTTCTGTGACCACAATACTGTGGAGGATACAATGCACCAGCGGAAAAGGATTCA  
TCAGCTAGAACAGCAAGTTGAAAACTCAGAAAGAAGCTCAAGACCGCACAGCAGCGATG  
CAGAAGGCAAGAACGGCAGCTTGAAAAATTAAGGAGGTTGTTCACTTCCAGAAAGAGAA  
AGACGAGTATCAGAAAGAGGTTATGTGATTCTACCAATGACTACTTTGAAATAGTTGA  
AGTACCAGCATAAAAAATGAAATGTGATTGATTCTAATGGGGCAATACCACATATCCTC  
CTCTAGCCTGTAAGGAGTTTCATTTAAAAAATAACATTTGATTACTTATATAAAAAACA  
GTTCAGAAATATTTTTTAAAAAATTTCTATATATACTGTAATAATATAAATTTTTTTGT  
TTGTAATTTTCAGGTTTTTACATTTTAAACAAAATTTTTAAAAGTTATAAACTAACCTCA  
GACCTCTAATGTAAGTTGTTTTCAAGATTGGGGATTTTTGGGGTTTTTTTTTAGTATTTAT  
AGAAAATATGTAATAAATAAAAAGTAAAGAGAACGAAAAAAAAAAAAAAAAAAAA

|                    |                |
|--------------------|----------------|
| Restriction Sites: | Please inquire |
| ACCN:              | NM_018105      |



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|                               |  |
|-------------------------------|--|
| <b>OTI Disclaimer:</b>        | 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).   |
| <b>OTI Annotation:</b>        | 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.   |
| <b>Components:</b>            | 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).   |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>                              |
| <b>RefSeq:</b>                | <u><a href="#">NM_018105.2</a></u> , <u><a href="#">NP_060575.1</a></u>  |
| <b>RefSeq Size:</b>           | 2189 bp  |
| <b>RefSeq ORF:</b>            | 642 bp   |
| <b>Locus ID:</b>              | 55145  |
| <b>UniProt ID:</b>            | <u><a href="#">Q9NVV9</a></u>  |
| <b>Cytogenetics:</b>          | 8p11.21  |
| <b>Domains:</b>               | DM3  |
| <b>Gene Summary:</b>          | <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 (1) represents the longer transcript and encodes the longer isoform (1).</p> |