

## Product datasheet for **SC109891**

### THAP7 (NM\_030573) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	THAP7 (NM_030573) Human Untagged Clone
Tag:	Tag Free
Symbol:	THAP7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_030573, the custom clone sequence may differ by one or more nucleotides

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ATGCCGCGTCACTGCTCCGCCGCCGGCTGCTGCACACGGGACACGCGGAGACGCGCAACCGCGGCATCT
CCTTCCACAGACTTCCCAAGAAGGACAACCCGAGGCGAGGCTTGTGGCTGGCCAAGTCCAGCGGCTGGA
CCCCAGCGGCCAGGGCCTGTGGGACCCGGCATCCGAGTACATCTACTTCTGCTCCAAACACTTTGAGGAG
GACTGCTTTGAGCTGGTGGGAATCAGTGGATATCACAGGCTAAAGGAGGGGGCAGTCCCCACCATATTTG
AGTCTTTCTCAAAGTTGCGCCGGACAACCAAGACCAAGGACACAGTTACCCACCTGGCCCCGCTGAAGT
CAGCCCGGCTCAGACGATGCAGGAAGCGCTGCTCCGAGGGCCGAGGGCCACAACCTCCATTTCTCCACCT
CCACCTGCTGATGTCACCTGCTTTCCTGTGGAAGAGGCCCTCAGCACCTGCCACTTTGCCGGCTCCCCAG
CTGGGAGGCTGGAGCCTGGCCTTAGCAGCCCTTTTCAGACCTACTGGGCCCTTGGGTGCCAGGCAGA
TGAAGCAGGCTGCAGCGCCAGCCTTACCAGAGCGGCAGCCCTCCCCTCTCGAACCACGGCCAGTCTCC
CCCTCAGCGTATATGCTGCGCCTGCCCCACCCGCGGAGCCTACATCCAGAATGAACACAGCTACCAGG
TGGGCAGCGCCTTACTCTGGAAGCGGCGAGCCGAGGCAGCCCTTGATGCCCTTGACAAGGCCAGCGCCA
GCTGCAGGCTGCAAGCGGCGGGAGCAGCGGCTGCGGTTGAGACTGACCAAGCTGCAGCAGGAGCGGGCA
CGGGAGAAGCGGGCACAGGCAGATGCCCGCCAGACTCTGAAGGAGCATGTGCAGGACTTTGCCATGCAGC
TGAGCAGCAGCATGGCCTGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_030573 unedited CATCAATTTGTAATACGACTCACTTATAGGGCGGCCGCGATTCCGGCAGGAGGAGGCTTCG CGCCTTCTCGGATACTGAGGAGGCTTGAACCTGTGGGTGGGAGGTGAAGCGGAACGGTC CCGGCGGGACTGAATGCAGTCGGGAAGGGGAGGACGGGAAGTCTAGCCGGCTTGGACCCG CCCCACTCTGTTACCTGCCAGATGACGCTGAGGAACTGCTTTTCTTCTCGAGGCCTCCG TTGCCTCGTCTGTGCCCGGGCGGTGGTGTACCCGGCGGGTCCGAGGGAGGTCTCGTG GCGGCGCGTGTGGTCTGCGTTTTCCCTCTGGGTGCTTGGGCAGCATGAGCCCAGGGC TGTGGACAGCCTGGTGTCTACGGGTTTGTGGCTCCACAGACTTCCAAGAAGGACAACCC GAGGCGAGGCTTGTGGCTGGCCAACTGCCAGCGCTGGACCCAGCGGCCAGGGCCTGTG GGACCCGGCATCCGAGTACATCTACTTCTGCTCCAAACACTTTGAGGAGGACTGCTTTGA GCTGGTGGGAATCAGGTGGGCTCCCTGCCGGCCGACGCTGGGTAGGATGTGGGCTCC CGGCGGACTGGGACAGCTGCAGGTATGGAAGTCCCTTGAGCAGCCTGCGTCCAAGGGG CTGTTTCTGTTCCAGCTCTGCACAGTAAACCCACCCAGGATCACTGTGCCTGTGA CACAAGNGAAAAACAGGAGCCTTTCCAGAGATATCTTTCAGAGCCCAGTCTTGCCAG CAGTNCACANATCANAGAATTCTTCTGGCTGGTCCAGCCAGCTCGGCTATTTGCAGC TTCCACACCTGGACTGTNGAGAGTCCCTGCGGGAAGCGATNGGTGTANCTGTACCTTGG CGTCCCCANACTTATTTGTTGCACGAGCCTTNNCACATTCCACGNNGT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_030573
<b>Insert Size:</b>	1910 bp
<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>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>	<a href="#">NM_030573.2</a> , <a href="#">NP_085050.2</a>
<b>RefSeq Size:</b>	1271 bp
<b>RefSeq ORF:</b>	930 bp
<b>Locus ID:</b>	80764
<b>UniProt ID:</b>	<a href="#">Q9BT49</a>
<b>Cytogenetics:</b>	22q11.21
<b>Domains:</b>	DM3
<b>Protein Families:</b>	Transcription Factors

**Gene Summary:**

Chromatin-associated, histone tail-binding protein that represses transcription via recruitment of HDAC3 and nuclear hormone receptor corepressors.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1 and 2 both encode the same protein.