

Product datasheet for **SC125703**

THAP10 (NM_020147) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THAP10 (NM_020147) Human Untagged Clone
Tag:	Tag Free
Symbol:	THAP10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_020147 edited
CCAGAGGTAGGGAAGGAAACAATCCCGACCCGGAGTGGACAGGTGAGGAGGGGAGGACTT
GCCTCGCCGAGGCCGCTGCGAGGAGCGTGCCCAAGGGCGAAGGTCCAGGGAACCCGGCTC
CCGCGCACCGAAGACGGCCGCCATGCCGGCCCGTTGTGTGGCCGCCACTGCGGCAACAC
CACCAAGTCTGGGAAGTCGCTGTTCCGCTTTCCCAAGGACCGGGCCGTGCGGCTGCTCTG
GGACCGCTTCGTGCGGGTTGCCGCGCCGACTGGTACGGAGGCAATGACCGCTCGGTCAT
CTGCTCTGACCACTTTGCCCCAGCCTGTTTTGACGTCTCTTCGGTTATCCAGAAGAACCT
GCGCTTCTCCAGCGCCTGAGGCTGGTGGCAGGCGCCGTGCCACCCCTGCACCGGTGCC
CGCCCCGGCACCTAAGAGGGGAGAGGAGGAGACCAAGCAGGCCCGCTGGACACGCGAGG
AGAGCTCCAGGCAGCCAGGCATTCTGAGGCTGCCCCAGGTCCAGTCTCCTGTACACGCCC
CCGAGCTGGGAAGCAGGCTGCAGCTTCACAGATTACGTGTGAAATGAACTTGTGCAAAAC
CCAACCCCATGCTGATAATCCATCTAATACTGTCACTTCAGTACCTACTCACTGTGAAGA
AGGCCCAGTGCAAAAAGTACACAAATTTCTTTGAAAAGCCCCGTACCGTAGTGTGGG
TATTCAAGCCAAAGTAAAGCGTTTGAAAAAGACTGTGTAATGCAACTACTCAGACAGA
GGAATTGTGGTCTAGAATTCCTCTCTCTTTGACATTTACTCCAGTGATTAGAAACAGA
TACAGACTGGGATATCAAGAGTGAACAGAGTGATTTGTCTTATATGGCTGTACAGGTGAA
AGAAGAAACATGTTAAAACTCAACATCAATGCTCTGATGTGCTATAGATTTTCAAATC
TTTACTCACATAATTATCTTTTGCTATTGTAAATCTTTCACTTCAAGATAATTTGACAG
TTGAGTATCAGCATAATTTGTTTAGCTCTAAGGCAAAAGTTTGCTTGCTTGCCAAACAA
TGAAGATAATACCTACCCACAAACATCCCTATTCTCTACTTTACCTTTTTTTTTCTTTT
AATCCTTTTGGTAGAAATCAGGTTACAAAGCAAAACCAATATCAGCAACACTTCCTAA
TCAAAATTAAGCATTGAATATTTGTTTAAAGCTTAGTTCAGAAGCAACGCTCCTACAGGAC
TTGACATTTGCTAGTTAGAATATCCCTACTCTTCTAAATAATTTGAAAGTATAGAGCAGT
AACACAGTAACAGTGAGCACAGCCAAGCCTGACACTACTAAATGATTTGGTAGTGAAGCC
AGGACATCTACCTTGACTATTTTTTATGTTATTTATTTATTAGTTTGTCCATTTGTAAC
ATGTATAGATCTGCTGTGAGCATTTCTGATGAATCTATGGTTCTTACAGAAATTTTTC
AAAGGAATCAATTTAGAGATAGAGTTTTCATATACTTACATTAACCTATTAATGAAATCT
GTTTGCATCAGTGCTTACTGTGACACATTAATTAGCTTGATTAATTTAGATTAGAATCAT
TAACATCATGAAAAATAAAAGTACTACATTTCTAACGTATTCCCATTGCAGGTGTTAGGT
ATTTTTTCTGTCAACACCTCTCTTTGAATTCTACATTTGAGAAATAAGCATGGAATAT
TAGCTGCCCCGTCTGCCATTACCAGGAAAAATTTCTATGGCAATTTTGTACCATGAAGT
AAACTGTTACAATAGTTTCTGAGAAGCATACTATAACTCTGATCTTCCATTGAGAATAAC
AAAAATAAATATCAATTTTACACCTCATATGTCTTCTTAGTTCTGAATGATTAGAAGAAC
TTGCATGTATTTTATCCTAGAGGTTTAAATAATACATCAAAAGTTATTTTCTTCCAAAT
GTAATTTTATGTCTGCTTTAAGGAAAAATAAAATAAAATATTAATAGGAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020147 unedited <pre> GGGTTTGGATTTGTAATACCACTTACTATAGGCGGCCGACGATTCANATCTGGTACCGGT CCGGAATTCCTGGGATCCAGAGTAGGGAAGGAAACAATCCCGACCCGGAGTGACAGGTG AGGAGGGGAGGACTTGCTCGCCGAGGCCGCTGCGAGGAGCGTGCCCAAGGGCGAAGGTC CAGGGAACCCGGCTCCCGCGCACCAAGACTGCCTCCATGCCGGCCCGTTGTGTGGCCGC CCTGCGGCAACACCACCAAGTCTGGGAAGTCGCTGTTCCGCTTTCCCAAGGACCGGGC CGTGCCTGCTCTGGGACCGCTTCGTGCGGGGTTGCCGCGCCGACTGGTACGGAGGCAA TGACCGCTCGGTCTGCTCTGACCACTTTGCCCGAGCCTGTTTGGACGTCTCTTCGGT TATCCAGAAGAAGCTGCGCTTCTCCAGCGCTGAGGCTGGTGGCAGGCGCCGTGCCAC CCTGCACCGGGTGCCCGCCCGGCACCTAAGAGGGGAGAGGAGGAGACCAAGCAGGCCG CCTGGACACGCGAGGAGAGCTCCAGGCAGCCAGGCATTCTGAGGCTGCCCGAGTCCAGT CTCCTGTACACGCCCCGAGCTGGGAAGCAGGCTGCAGCTTACAGATTACGTGTGAAAA TGAAGTTGTGCAACCAACCCCATGCTGATAATCCATCTAATACTGTCACTTCAGTACC TACTACTGTGAAGAAGGCCAGTGCATAAAAGTACACAAATTTCTTTGAAAAGGCCCG TCACCGTAGTGTGGGTATTCAAGCCCAAGTGAAAGCGTTTGAAAAAGACTGTGNTATGC AACTACTCANACAGAGAATTGTGGTCTANAACCTCTTTCTTTGACATTAN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_020147
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).
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:	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_020147.2</u> , <u>NP_064532.1</u>
RefSeq Size:	2100 bp
RefSeq ORF:	774 bp
Locus ID:	56906
UniProt ID:	<u>Q9P2Z0</u>
Cytogenetics:	15q23

Gene Summary:

This gene encodes a member of a family of proteins sharing an N-terminal Thanatos-associated domain. The Thanatos-associated domain contains a zinc finger signature similar to DNA-binding domains. This gene is part of a bidirectional gene pair on the long arm of chromosome 15 that is regulated by estrogen and may play a role in breast cancer. [provided by RefSeq, Nov 2010]