

Product datasheet for **SC127046**

THRAP5 (MED16) (NM_005481) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THRAP5 (MED16) (NM_005481) Human Untagged Clone
Tag:	Tag Free
Symbol:	THRAP5
Synonyms:	DRIP92; THRAP5; TRAP95
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_005481, the custom clone sequence may differ by one or more nucleotides

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ATGTGTGATTTGCGGCGGCCAGCGGCAGGTGGGATGATGGACTTGGCCTACGTCTGTGAGTGGGAGAAAT
GGTCCAAGAGCACCCACTGCCCATCGGTGCCCTGGCCTGCGCCTGGTCTGCCGAAATCTCATCGCCTT
CACCATGGACCTGCGCAGCGATGACCAGGACCTGACCCGCATGATCCACATCCTGGACACGGAGCACCCC
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GTGAAACTGGCCCTGCACGTGGAGAAGTCGGGCGCCTCCAGCTTCGGGGAGAAGTTCTCCCGAGTCAAGT
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005481 unedited
 CTCTTTATAGGGCGGCCGAATTCGACACGAGGTCGCACCGCGGACGCCCGCTGAGCTT
 GGCGCACGGGCGGACCAGGAGCTGGTGAAGTCCCTCATGTGTGATTTGCGGCGGCCAGCG
 GCAGGTGGGATGATGGACTTGGCCTACGTCTGTGAGTGGGAGAAATGGTCCAAGAGCACC
 CACTGCCCATCGGTGCCCTGGCCTGGCTGCTGCCGAAATCTCATCGCCTTACC
 ATGGACCTGCGCAGCGATGACCAGGACCTGACCGCATGATCCACATCCTGGACACGGAG
 CACCCCTGGGACCTGCATCGATCCCCTCAGAGCACCAGAGGCCATCACCTGCCTGGAG
 TGGGACCAAGTCAGGCTCCCGGCTCCTGTACGAGATGCCGACGGGCAGATCAAGTGCTGG
 AGCATGGCGGACCACTGGCTAATAGCTGGGAGAGCTCAGTGGGACGCTAGTGGAGGGG
 GACCCCATTTGGCCCTGTCTGGCTGCACAATGGTGTGAAACTGGCCCTGCACGTGGAG
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 ACGCTTNGTCGCGGGCAGCCATGGAGGGCTGGATCGNCGTGACGGTCAGCGGCTGGTC
 ACCGTGTCCTGTGAAGCCAGCGGGCAGGTGCTGACGTCCACCCGAGAGCCTGTGCCN
 GCTGCGCGNCGNGTGGCCCTGGCCGCATCGCCTTACCGGGGNNGNACATCGTGGTGG
 CCACGGNGGACGGANCAACGCGTCNCCGTGCATTTCTACAAGTGTGCTGAACGTTGTGA
 CCAAAATTGCCTNTCCACACGGAGACCTGCCTTCTGTTATGCGCTGACACCGACTTAAC
 GNAGAAAGTTCCCGCCATACCACTTAGTTCTGCCCGNAATGTNGAAAGTGCTTTGCCCCG
 TCCCCAACCATGGGGTGCTGCCCTGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005481 unedited
 TGTACCGCGGGCGCAATCTAGAGTCGAGCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
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 GTCCAAGTTTAAAGCTTTTCGGGGGTGAGGGAAGGAAACCCAGGAGACCCCCAACCGGG
 TCACCACAAAGTCCCCTGGACCCCGGGCGGCACGGACGGGCTTTGGATGCAATGGG
 CCAAGGATTTGGGGTCTTGGGAAAATGGTGTGTGGACTGGGGGCCAACTGGACAAAAG
 GAGGGGCTTTCTTAAAACTTTTGGTGTGACGCAAGGGTTCGGGCCAAGGGCTTTAAAC
 CCCTGGAGGGGGGGTGAAGTTAACCGCGCCCAAGAAAATTCAAGGCGAACGGTGCTTT
 TGCAACAACCGGGCTTAAGGGCACTGAGGGGGAAGTGAAGGAATACTGAAGGGCAACTG
 GGCTTAAGGGTAAGTTAGGGGCACCCCAACCAAAACCCAGGACAGGAGTTTGTGAT
 TCAACGCTGGTTCACTGGTTTAAACGGCGTGGGTTTGTGGGCGAATTGAGCATGGTGAC
 ACAACGCAACTGGTGCAAGCCTTGATTCTTCTGTTGGGGAAGCGCAAGGTGCAGCCT
 TCGCAAGTGGGCAATCTGGGCTTGGCTGGGGGCTGGCGAGGCCGTCTAACTTCAAGGT
 GGCAACACTGGCAAGCAACGTGTGCGCCCGGCCAAATTGCAACAAAGGGCTTGTGGG
 CTTGAGCGGTATCCAGCCGTTCTTGGTGGGACCACCCAGCTTGGGATAACACNTGGG
 TGGGCACAAGTAAATTTTACCACGGCTTTTCGGGTTGTTGTTGGCGCTCATGGGAA
 AAAGACCAAACTTGTGAGACAGCGAN

Restriction Sites:

NotI-NotI

ACCN:

NM_005481

Insert Size:

3060 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).

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_005481.2, NP_005472.2</u>
RefSeq Size:	2952 bp
RefSeq ORF:	2634 bp
Locus ID:	10025
UniProt ID:	<u>Q9Y2X0</u>
Cytogenetics:	19p13.3
Domains:	WD40
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.[UniProtKB/Swiss-Prot Function]