

# Product datasheet for SC214122

## THRAP3 (NM\_005119) Human 3' UTR Clone

## **Product data:**

Product Type:	3' UTR Clones
Product Name:	THRAP3 (NM_005119) Human 3' UTR Clone
Symbol:	THRAP3
Synonyms:	BCLAF2; TRAP150
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005119
Insert Size:	1370 bp

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn



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GetAabTirgGCAGACTCAGAATTCGCCCUGGAGATCCTCACGGGATCCTTGACGGGATCCTCGCCCAGGGGAGAGAG   CACAATTGGCAGACTCAGAATCGACCGAGAGACCCCTAGCGGGATCCTGGCGGGAGAGAGG   CGCTGGGAAGATGGCTGGGAGGGCAGGCCCAGCCCTGACGGGGAGGACCCTGGAGAGCAGACCCACGCCAGGGGGAGGGCAGGCCAGGCCAGGCCCAGGGCCAGGCCCAGGCCTGGGCCAGGCCCAGGCCCTTGGATCTTGAAAGAAGGCACGCCTTGGACCTTTGGACCTTGGACCTTGGACCTTGGACCTTGGACCTTGGACCCTTGGACGCAGGGCGCGCGC	Insert Sequence:	>SC214122 3'UTR clone of NM_005119 The sequence shown below is from the reference sequence of NM_005119. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site
AAGGACATATACAGCCCAACGAGGTAGGGCCACCCTTGACGGATTCCTACCAGGGAGAGG   CGCTGGAAGATGGCTGGTGAGGAGCTAACGGACCCTTGACGGAGTTCCTACAAAGGAGG   CGCCCCACCCGCCCACGGGCTCAGGCCCAGGGTTACCGGGGGCACCCCTGGCGCTCTCCCCACGGCAGAGG   GAGGCTGGCCATGGGGCCCAGGGGTCAGGCCCAGGGTAGGCCGGGGGAGCGCATGCTTGGACTTAGCT   GTTTTTCTATTTGTTGGTGTGGGGGGGGGCAGGGGGACGCGATGCTTGGACTTTGATTTG   TTTCCTATTGTAGAACCAACAGTTTGTTCTATTTCATTTGGAGCTAAGGTGGATGCACAGGG   GAGCTGGCCATGGGGCCCAGGGGTCAGGCCCAGGGGTAGGCCGGGAGGCGAGGCCATGCTTGGATTTTGAT   TTTCTATTGAAACCACACAGTTTGTTCTATTTTGATTTGAGAGGAAGAGGAAACCAAAG   CATGGAATAACTTGAAGTGTAACTTCGACTGGTCTGGTTTTTTGGAGCTAAGAGAGAACAAAAG   CATGGAATAACTTGAAGTGTCACCTCAGTTGGCACAACCTCTGGTGTTTTTGAGAAGAAAAACCGG   TTTTGTATGTAAGGAGGAGTTAAGGCTCAGGTGCCCAACCTCCTGGATTCCTGGGCTTGGCGC   TGGACTTCCCCGTTACCACACCCCACGCTCAGGTGCCCAACCTCTGCTGTGTGTCCCCTTTGAGGCCGGGC   TATCACGTGGAGTCGCGTTACGACGTCCAGCTGCCAGGCCCAACCTGCTGCCTGC		GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
CGCTGGGAAGATGGCTGGTGAGGAGCTTAACAGAGGAACCTCAAGAAGATTCTGAAAATCCTACCCCCA CCCCCCACCCCGCCCCAGGTTGACTACCGCGAGGGCACCCTGCCTTTCCCACTGGACAGAG GAGGCTGGCCAGGGGTGGGGGCAGGGGGGGCAGGGGTGGCGGGGGAGCCAGTTGTTGCTTAGCT GTTTTCCTATTTGTTGGTGTGTGGGGTGGGGGCAGGGGTAGGCGGGGAGCCATGCTTGGATTTAGT ATTTGCAATGTAGTAAACCTTGCCTGTCTTTTTTTTTTT		
cccccccAccAcGCCGCACAGCTGTATCACCGCGAGAGGCATCCCCTGGCGCTGTCTCCACTGGACAGAG GAGGCTGGCCATGGGCCAGGGGTCAGGCCACCTTTTGGCAGAATCAACCGATTTGGGTTTTGGCT GTTTTCCTATTTGGTGGTGGGGGGGGGGGGGGGGGGGGG		CGCTGGGAAGATGGCTGGTGAGGAGCTTAACAGAGGGAACCTCAAGAAGATCTGAAAAATCCTACCCCCA
GAGGCTGGCCATGGGGCCAGGGGTAGGCCCAGCTTTTGGCAGAATACAACGCATTGGGCTTTGGCT GTTTTTCTTATGTTGGTGTGGGGGGGGCAGGCAGGGAGGG		CCCCCCACCAGCCGCACAGATTGTACTACCGCGAGAGGCATCCCTGGCGCTGTCTCCCACTGGACAGAG
GTTTITCTCATTIGTIGTGGGGGGGGGGGGGGGGGGGGGG		GAGGCTGGCCATGGGGCCCAGGGGTCAGGCCCAGCTTTTGAGCAGAATACAACGCATTGGGCTTTAGCT
TITCCTATIAGAACCACACAGTITIGTICTAATTICATITCATIT		GTTTTTCTCATTTGTTGGTGTGTGGGGTGGGGGGGGGGG
ATTTICGATCICTTITICCCCTGTCTGATTTITAAAAGCCCCCCTCTTITITITITITITITITITITITITITITI		TTTCCTATTAGAAACCAACAGTTTTGTTCTAATTTCATTTCATTTGGAGCTAAGATGACTAATTTGATG
TAGGCATATGTAGTAATATTAGAAACATTTATTGGGAAACATTGATTG		ATTTTCGATCTCTTTTCCCCTGTCCTGATTTTAAAAGCCCCCCTCCTTTTTTTT
CATGTGAATAAACTTTGAAGTGTTACCTCAGTTTGGACCAAACTGCTTGGATCTTTGTAAAAACCGGTITTGTATGTCAAGGAGGAGTTTAAGGCCTTACCACCTCACGTGCCACCTTGTTCCCCCTTTTCTGCGCACGCA		TAGGCATATGTAGTAATATTAGAAACATTTAATTTGGGAAACTTTGATTCTTGAAAGAGAAAACAAAAG
TTITGTATGTCAAGGAGGAGTTTAAGGCCTTTCCGACCACCTTGTGTTCCCGCAGCCATG TATCACGTGGAGTTGCTCCTTTCCCACCACGTGCCCCACCTGTGCCCTGTTTCTGGGCAGCCCGATG TGGACTTCCCCCGTTCCCACCACAGGCCCCAGTATCCCTAGATTCTTGGGC ACGGGGTGGAAACTGGAGGGGCAGTGCTGGGTGGTTGTTTCTAAGCAAGC		CATGTGAATAAACTTTGAAGTGTTCACCTCAGTTTGGGACCAAACTGCTTGGATCTTTGTAAAAACCGG
TATCACGTGGAGTTGCTCCTACCACCCCCCACGCCCCCAGCCCCTATTCCTGTGTCCTGCGGCTGGACTTCCCCGCCGCGCCCCACGCCCCACGTCCCCAGTCCCCAGCCCCAATTCTCTGGCGTCCCCCCGCAACCGGGGGGGGAACCTGGAGGCCGGGTCCGGGTCCGTGTTTTCTAAGAAATTATATTTTTCAAATATGAGAAAGTGGGTTATGCCTGGTGGTTCAGGGGTTTTTTGGGGGGAAACTCCTATGATCGATTAAGGAAGTGGTTATGCCTGGGGGGCCCTAGCCGGTCCTGGGGAACACTCCTCTTAAAATGGGTCCTTGTGCTTGCCTTCGGGGAGGCGGCCCTAGCCAGGTGGATCATGAGGAATTCATAGGCATTTATGCATATGTTTATGCGGGACCGCACCCCACCTCCCCCCCCAGCCTTTGCCTCTGCGTGTTCCCCTTACTTTTGCTACATTTCTATAGTTGAGCATTCTCCAGATGTTTAGGGGGAAAATGAAAATCACCCCTTAAAATTTGTTCAACTCCTCCTCCCCCCCAGCCTTTGCCTCTGCGTGTTAGGGGGAAATGAAAATCCCCCCTTAAAATTTGTTCAACTCCCCCCCCCCCCCCCCCC		TTTTGTATGTCAAGGAGGAGTTTAAGGCCTTTCCGACCACCTTGTGTTCCCCCTTTTCTGCGCAGCCATG
Inegact TreeCod TrettecAcGacGacGacGacGacGacGacGacGacGacGacGacGac		TATCACGTGGAGTTGCTCCTTACCACACCTCACGTGCCCCTGAGCCCTATTTCCTGATTTCTTCGGGC
Accessed GaAAACTGGAGGGGGAGTGCTGGCTGGTGCTTGAGAAAACTTATAAATGAAAACTCCTATGATC AAAATATGGGAAAGTGGTATGGCTGGGTGGTTCAAGGGGGTTTTAAAAATGAAAAGAAACTCCTATGATC GATTAAGGAAAGTGGTTATGGCTGGGTGGTTCAGGGGGTTTTTATAAAATGGAAAAACATCCTCTTAAAATGG GCCCTTGTGCTTCTGCGTGGCTGCTGGCGAGCAGGGGAAACATCCTCCTTAAAATGG GCCCTTGGCTTGCCTCTCGGGGAGGCGGCCCCGGCCAGGCGGGAAACATCCTCTTATGCATATGTTA TATGCGGACTGCACCCCCCCCCCCCCCCCCCCCCGCGGCCTTGGCTTGGCTGCT		TGGACTTCCCCGTTCTCCACCAGCAGCTCCAGTATCCCCAAACTTTCTAGTCCTGCTGATCCTCCCAGCA
AAATIAGAbaAAATTTTTCAATTTTTTTCAATTTTTTTAAGCTTTTTTAAAAAGAAAAAAAA		
Self FARGERAGE FOR TRADE FOR THE CONSTRUCTION FOR THE		
Accord added addressGTCTTGGCTTGCCTTCTGGGGGGCGCCCCGAGCATCTGCAGGGGGAAACACCCCTTAAATGGATATGCGGACTGCACCCACCTCTCGCCCCCCAGCCTTTGCCTTGCCTTTGCCCTTACTTTGCTACATTTCTATAGTTAAGTTGGTTTTACTTGAATGATCATAAGGGGGAAAATGAAAATCTCCCTTAAAATTTGTTTCAACTCCTCCCCCCCCAAACAAAAATGAACGGGCGACGCCCAACCTGCCATCACGGGATTTCGATTCCACCGCCGCCTTCTAGATTCGAAGAAAATGAACGGGCCGACGCCCAACCTGCCATCACGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGGRestriction Sites:Sgfl-MlulOTI Disclaimer:Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).Components:The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.RefSeq:NM 005119.4		
Restriction Sites:Sgfl-MlulOTI Disclaimer:Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).Components:The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.RefSeq:NM 005119.4		
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CCTTAAAATTIGTTTCAACTCCTCCTGCAAATAAATAAATGAAGTGGCAGATGTAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGAACGGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGGRestriction Sites:Sgfl-MlulOTI Disclaimer:Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).Components:The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.RefSeq:NM 005119.4		TTTGCTACATTTCTATAGTTGAGTTGGTTTTACTTGAATGATTCATGTTTAGGGGGAAAATGAAAATCT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAATGACCGACCG		CCCTTAAAATTTGTTTCAACTCCTCCTGCAAATAAAATA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGGRestriction Sites:Sgfl-MlulOTI Disclaimer:Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).Components:The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.RefSeq:NM 005119.4		ACGCGTAAGCGGCCGCGCGCATCTAGATTCGAAGAAAATGACCGACC
Restriction Sites:Sgfl-MlulOTI Disclaimer:Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).Components:The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.RefSeq:NM 005119.4		CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
OTI Disclaimer:Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).Components:The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.RefSeq:NM 005119.4	Restriction Sites:	Sgfl-Mlul
Components:The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.RefSeq:NM 005119.4	OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
RefSeq: <u>NM 005119.4</u>	Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
	RefSeq:	<u>NM 005119.4</u>

### **GRIGENE** THRAP3 (NM\_005119) Human 3' UTR Clone – SC214122

Involved in pre-mRNA splicing. Remains associated with spliced mRNA after splicing which Summary: probably involves interactions with the exon junction complex (EJC). Can trigger mRNA decay which seems to be independent of nonsense-mediated decay involving premature stop codons (PTC) recognition. May be involved in nuclear mRNA decay. Involved in regulation of signal-induced alternative splicing. During splicing of PTPRC/CD45 is proposed to sequester phosphorylated SFPQ from PTPRC/CD45 pre-mRNA in resting T-cells. Involved in cyclin-D1/CCND1 mRNA stability probably by acting as component of the SNARP complex which associates with both the 3'end of the CCND1 gene and its mRNA. Involved in response to DNA damage. Is excluced from DNA damage sites in a manner that parallels transcription inhibition; the function may involve the SNARP complex. Initially thought to play a role in transcriptional coactivation through its association with the TRAP complex; however, it is not regarded as a stable Mediator complex subunit. Cooperatively with HELZ2, enhances the transcriptional activation mediated by PPARG, maybe through the stabilization of the PPARG binding to DNA in presence of ligand. May play a role in the terminal stage of adipocyte differentiation. Plays a role in the positive regulation of the circadian clock. Acts as a coactivator of the CLOCK-ARNTL/BMAL1 heterodimer and promotes its transcriptional activator activity and binding to circadian target genes (PubMed:24043798).[UniProtKB/Swiss-Prot Function] 9967 Locus ID: MW: 51.5

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