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

View online »

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

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGACAATATACAGCCCACAACCGAGTAGGGGCCACCCTTGACGGGATTCCTGCCCAGGGGAGAGAGG
CGCTGGGAAGATGGCTGGTGAGGAGCTTAACAGAGGAACCTCAAGAAGATTCTGAAAATCCTACCCCCA
CCCCCCACCAGCCGCACAGATTGTACTACCGCGAGAGGCATCCCTGGCGCTGTCTCCCACTGGACAGAG
GAGGCTGGCCATGGGGCCCAGGGGTCAGGCCCAGCTTTTGAGCAGAATACAACGCATTGGGCTTTAGCT
GTTTTTCTCATTTGTTGGTGTGTGGGGTGGGGGCAGGGGTAGGGCGGGAGAGCGATGCTTGGATTTTTG
TTTCCTATTAGAAACCAACAGTTTTGTTCTAATTTCATTTCATTTGGAGCTAAGATGACTAATTTGATG
ATTTTCGATCTCTTTTCCCCTGTCCTGATTTTAAAAGCCCCCTCCTTTTTTTTTTTTTTTTTCTTTTTT
TAGGCATATGTAGTAATATTAGAAACATTTAATTTGGGAAACTTTGATTCTTGAAAGAGAAACAAAAG
CATGTGAATAAACTTTGAAGTGTTCACCTCAGTTTGGGACCAAACTGCTTGGATCTTTGTAAAAACCGG
TTTTGTATGTCAAGGAGGAGTTTAAGGCCTTTCCGACCACCTTGTGTTCCCCTTTTCTGCGCAGCCATG
TATCACGTGGAGTTGCTCCTTACCACACCTCACGTGCCCCTGAGCCCTATTTCCTGATTTCTTCTGGGC
TGGACTTCCCCGTTCTCCACCAGCAGCTCCAGTATCCCAAACTTTCTAGTCCTGCTGATCCTCCCAGCA
ACGGGGTGGAAACTGGAGGGCAGTGTCTGGTCTGTTTTCTAAGAAACTTATGAATTCTATTATCTTTAC
AAATATGAGAAAATTTTTTCAATATTTTTTATTAATCTTTTTATAAAATGAAAAGAAACTCCTATGATC
GATTAAGGAAGGTGGTTATGGCTGGGTGGTTCAGGGGTTTTTTTGGGTTTCTTTTTTTTTTTCTTTGTC
TTTTTAACCTTAAGCTGTTTAAGTTGAAGCATTCTCAGATGTTTGGGGGGAAACATCCTCTTAAAATGG
GTCCTTGTGCTTGCCTTCTGGGGAGGCGGTCCTGAGCAGGTGAATCATAAGGCATTTATGCATATGTTA
TATGCGGACTGCACCCACCTCTCCCCCCCCAGCCTTTGCCTCTTGCGTTGTTGTGCTGCTTTCCCCTTAC
TTTGCTACATTTCTATAGTTAAGTTGGTTTTACTTGAATGATTCATGTTTAGGGGGAAAATGAAAATCT
CCCTTAAAATTTGTTTCAACTCCTCCTGCAAATAAAATAAATGAAGTGGCAGATGTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

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

Summary:	Involved in pre-mRNA splicing. Remains associated with spliced mRNA after splicing which 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 excluded 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]
Locus ID:	9967
MW:	51.5