

Product datasheet for **RC230781**

THAP3 (NM_001195752) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: THAP3 (NM_001195752) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: THAP3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC230781 representing NM_001195752
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGAAGTCGTGCGCGGCCCGGCAGTGCTGCAACCGCTACAGCAGCCGCAGGAAGCAGCTCACCTTCC
ACCGGTTTCCGTTTCAGCCGCCCGGAGCTGCTGAAGGAATGGGTGCTGAACATCGGCCGGGGCACTTCAA
GCCAAGCAGCACACGGTCATCTGCTCCGAGCACTTCGGCCAGAGTGCTTCAGCGCCTTTGAAACCGC
AAGAACCATAAGCACAATGCCGTGCCACGGTGTTCCGCTTTTCAGGACCCACACAGGTGAGGGAGAACA
CAGACCTGCCAGTGAGAGAGGAAATGCCAGCTTCTCAGAAAGAAAAGTCCCTCCTGAGGCGGGGGC
CGGAGAGGACAGTCCTGGGAGAAACATGGACACTGCACTTGAAGAGCTTCAGTTGCCCCCAATGCCGAA
GGCCACGTAAAACAGGTCTCGCCACGGAGGCCGCAAGCAACAGAGGCTGTTGGCCGGCCGACTGGCCCTG
CAGGCCTGAGAAGGACCCCAACAAGCAGCCATCTGATCACAGCTATGCCCTTTTGGACTTAGATTCCTT
GAAGAAAAAATCTTCTCACTCTGAAGGAAAATGAAAAGCTCCGGAAGCGCTTGCCAGGCCAGAGGCTG
GTGATGCGAAGGATGTCCAGCCGCCTCCGTGCTTGCAAAGGCCACCAGGGACTCCAGGCCAGACTTGGGC
CAGAGCAGCAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



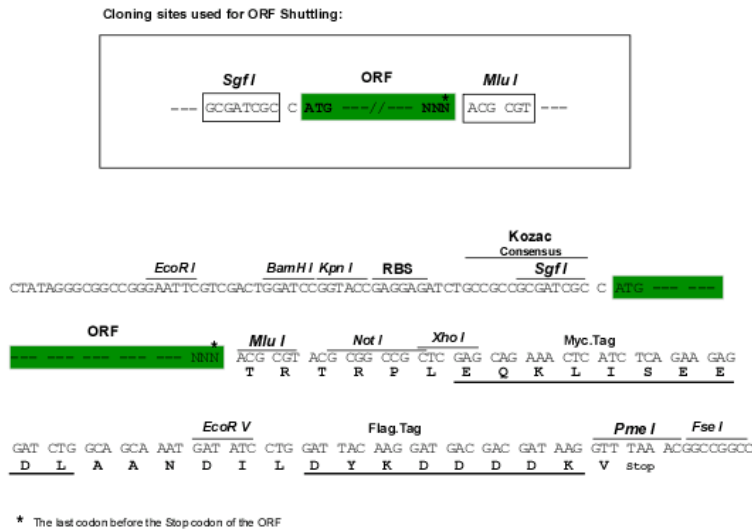
Protein Sequence: >RC230781 representing NM_001195752
Red=Cloning site Green=Tags(s)

MPKSCAARQCCNRYSSRRKQLTFHRFPFSRPELLKEWVLNIGRGNFKPKQHTVICSEHFRPECFSAFGNR
 KNLKHNAVPTVFAFDPTQVRENTDPASERGNASSQKEKVLPEAGAGEDSPGRNMDTALEELQLPPNAE
 GHVKQVSPRRPQATEAVGRPTGPAGLRRTPNKQPSDHSYALLDLDLKKKFLTLKENEKLRKRLQAQRL
 VMRRMSSRLRACKGHQGLQARLGPEQQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001195752

ORF Size: 714 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001195752.1](#), [NP_001182681.1](#)

RefSeq Size: 1308 bp

RefSeq ORF: 717 bp

Locus ID: 90326

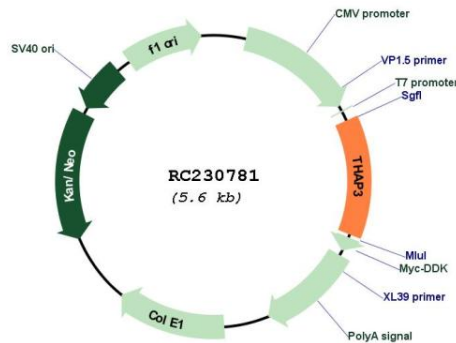
UniProt ID: [Q8WTV1](#)

Cytogenetics: 1p36.31

MW: 26.9 kDa

Gene Summary: Component of a THAP1/THAP3-HCFC1-OGT complex that is required for the regulation of the transcriptional activity of RRM1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC230781