

Product datasheet for **RG206465**

THAP10 (NM_020147) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THAP10 (NM_020147) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	THAP10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206465 representing NM_020147 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGCCCGTTGTGTGGCCGCCACTGCGGCAACACCACCAAGTCTGGGAAGTCGCTGTTCCGCTTTC
CCAAGGACCGGGCCGTGCGGCTGCTCTGGGACCGCTTCGTGCGGGGTTGCCGCGCCGACTGGTACGGAGG
CAATGACCGCTCGGTCATCTGCTCTGACCACTTGGCCAGCCTGTTTTGACGTCTTTCGGTTATCCAG
AAGAACCCTGCGCTTCTCCAGCGCCTGAGGCTGGTGGCAGGCGCCGTGCCACCCTGCACCGGTTGCCCG
CCCCGGCACCTAAGAGGGGAGAGGAGGAGACCAAGCAGGCCCGCTGGACACGCGAGGAGACTCCAGGC
AGCCAGGCATTCTGAGGCTGCCCCAGGTCCAGTCTCCTGTACACGCCCCGAGCTGGGAAGCAGGCTGCA
GCTTCACAGATTACGTGTGAAAATGAACTTGTGCAAACCAACCCATGCTGATAATCCATCTAATACTG
TCACTTCAGTACCTACTCACTGTGAAGAAGGCCAGTGCATAAAAGTACACAAATTTCTTTGAAAAGGCC
CCGTCACCGTAGTGTGGTATTCAAGCCAAAGTAAAAGCGTTTGGAAAAAGACTGTGTAATGCAACTACT
CAGACAGAGGAATTGTGGTCTAGAATCTCTCTCTTTGACATTTACTCCAGTGATTAGAAAACAGATA
CAGACTGGGATATCAAGAGTGAACAGAGTGATTTGTCTTATATGGCTGTACAGGTGAAAGAAGAAACATG
T

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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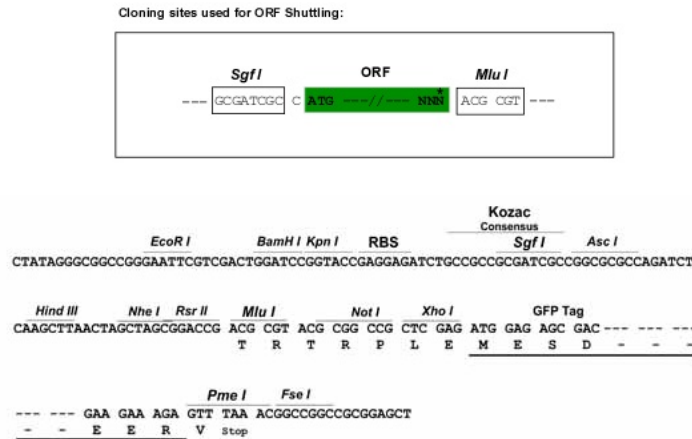
Protein Sequence: >RG206465 representing NM_020147
Red=Cloning site Green=Tags(s)

MPARCVAAHCGNTTKSGKSLFRFPKDRAVRLWLDRFVRGCRADWYGGNDRSVICSDHFAPACFDVSSVIQ
 KNLRFSQLRLVAGAVPTLHRVPAPAPKRGEEDQAGRLDTRGELQAARHSEAAPGPVSTRPRAGKQAA
 ASQITCENELVQTQPHADNPSTVTSVPTHCEEKPVHKSTQISLKRPRHRSVGIQAKVKAFGKRLCNATT
 QTEELWSRTSSLFDIYSSDSEDTDWDIKSEQSDL SYMAVQVKEETC

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_020147

ORF Size: 771 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_020147.4](#)

RefSeq Size: 2100 bp

RefSeq ORF: 774 bp

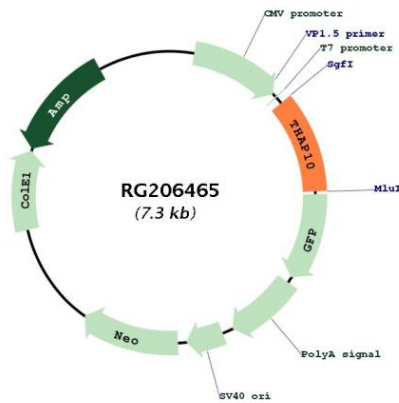
Locus ID: 56906

UniProt ID: [Q9P2Z0](#)

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]

Product images:



Circular map for RG206465