

Product datasheet for **RG218942**

THRAP5 (MED16) (NM_005481) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	THRAP5
Synonyms:	DRIP92; THRAP5; TRAP95
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RG218942 representing NM_005481
 Red=Cloning site Blue=ORF Green=Tags(s)

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 CCCCAGATCCCTGGACCATCTGCATCCAGAGGACCGTCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG218942 representing NM_005481

Red=Cloning site Green=Tags(s)

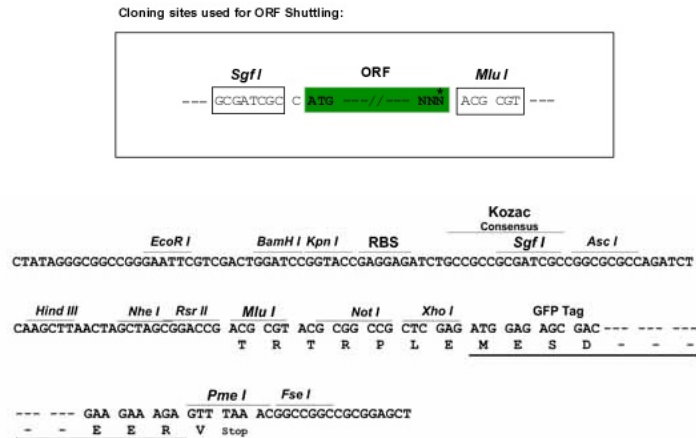
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 RDEGPASEPDEALVDECCLPSQLLIPSLDWLPASDGLVSRQLQPKQPLRLQFGRAPTLPGSAATLQLDGL
 ARAPGQPKIDHLRRLHLGACPTTECKACTRCGCVTMLKSPNRTTAVKQWEQRWIKNCLAVEGRGPDACVT
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TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_005481

ORF Size: 2631 bp

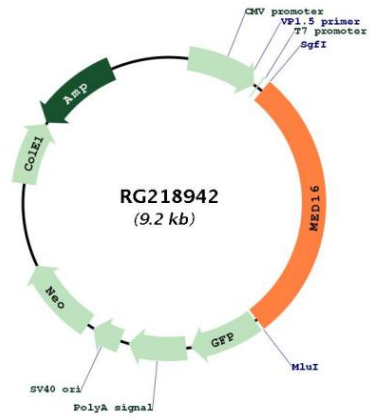
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_005481.3</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]

Product images:



Circular map for RG218942