

Product datasheet for MR202471

Thap3 (NM_175152) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thap3 (NM_175152) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Thap3
Synonyms:	2010013E08Rik; 2210418H06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202471 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGAAGTCTTGCGCGGCCCGGCAATGCTGCAACCGCTACAGCAGCCGAGGAAGCAGCTCACCTTCC
ACCGGTTCCCTTCAGCCGCCCGGAGCTGTTGAGGGAGTGGGTGCTCAACATCGGCCGGGCTGACTTCAA
GCCTAAGCAGCACACAGTCATCTGCTCGGAACACTTCAGACCCGAGTGCTTCAGCGCCTTTGGGAACCGC
AAGAACCTGAAACACAATGCTGTGCCACGGTGTTCGCTTTTCAGAACCCACAGAGGTCTGCCCTGAGG
TGGGGGCTGGTGGGACAGCTCAGGGAGGAACATGGACACCACACTGGAAGAATTTCAGCCTCCAACCCC
GGAAGGCCCGTGCAGCAGGTCTTACCAGATCGAGAAGCAATGGAGGCCACGGAGCCGCTGGCCTGCCT
GCCAGCCCTCTGGGTTGAAGAGGCCCTTCCGGGACAGCCGTCTGATCACAGCTATGCCCTTTCGGACT
TGGATACCCTCAAAAAAAAACTTTCTCACACTGAAGGAAAACAAGAGGCTTCGGAAGCGGCTGAAAGC
CCAGAGGCTGCTGTTGCGGAGGACATGTGGCCGCTGAGAGCCTACAGAGAGGGACAGCCGGGACCTCGG
GCCAGACGGCCGGCACAGGGAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202471 protein sequence
 Red=Cloning site Green=Tags(s)

MPKSCAARQCCNRYSSRRKQLTFHRFPFSRPELLREWVLNIGRADFKPKQHTVICSEHFRPECFSAFGNR
 KNLKHNAVPTVFAFQNPTEVCPEVAGGDSGRNMDTTLEELQPPTPEGPVQQLPDREAMEATEAAGLP
 ASPLGLKRPLPGQPSDHSYALSDLTLKKKLFLLTKENKRLRKRLKAQRLLLRRTCGRLRAYREGQPGPR
 ARRPAQGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_175152

ORF Size: 657 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_175152.4](#), [NP_780361.2](#)

RefSeq Size: 1133 bp

RefSeq ORF: 657 bp

Locus ID: 69876

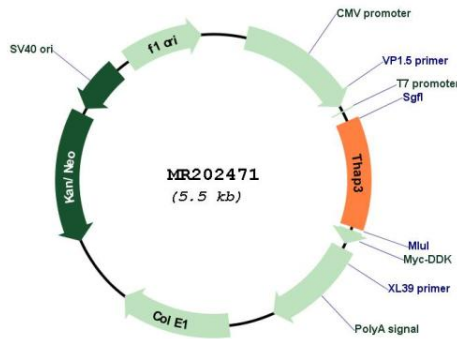
UniProt ID: [Q8BJ25](#)

Cytogenetics: 4 E2

MW: 24.6 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 MR202471