

Product datasheet for **MG204366**

Thap7 (NM_026909) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Thap7 (NM_026909) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Thap7
Synonyms: 1810004B07Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG204366 representing NM_026909
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGCGACTGCTCCGCCCGGCTGCTGCACACGGGATACGCGGAGACTCGCAACCGGGCATCT
CCTTCCACAGACTTCCAAGAAAGACAACCCAGGCGGGCTTGTGGCTGGCCAACTGTCAGCGGCTGGA
CCCCAGCGGCCAGGGCCTGTGGGATCCGACCTCTGAGTACATCTACTTCTGCTCCAAACACTTCGAGGAA
AACTGCTTTGAGCTGGTGGGAATCAGTGGGATCACAGGCTGAAGGAGGGGCGAGTCCCCACCATATTTG
AGTCTTTCTCAAGTTGCGTCGAACAGCCAAGACCAAGGGGCATGTTATCCACCTGGCCTGCCTGACGT
CAGCCGGCTCCGGCGATGCAGGAAGCGCTGCTCCGAAAGACAAGGACCCACAACCTCCCTTTCTCCACCT
CCTCGTGCCGATATCATCTGCTTCCCTGTGGAAGAAGCCTCAGCACCTGCCACTCTGCCCGCATCCCCAG
CTGTGAGGCTGGACCCTGGCCTTAACAGCCCTTCTCAGATCTCCTGGGCCCTTAGGTGCTCAGGCGGA
TGAAGCGGGCTGTAGCACACAGCCCTCACCAGAGCAGCACCCCTCCCCTTTGAGCCACAGCCTGCCTCC
CCATCTGCATACATGTTACGGCTGCCACCTCCTGCTGGAGCCTACATCCAGAATGAGCACAGCTACCAAG
TGGGGAGCGCCTTGCTCTGGAAGAGGCGAGCTGAAGCAGCTCTTGATGCTCTGGACAAGACCCAGCGCCA
GCTGCAGGCTGCAAGCGCGGGAGCAGCGGCTTAGGCTGCGACTGACCAAGCTGCAGCAGGAACGGGCA
CGGGAGAAGCGAGCACAGGCAGATGCCCGCCAGACTCTGAAGACCATGTACAGGACTTTGCTATGCAGT
TGAGCAGCAGTATGGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG204366 representing NM_026909
 Red=Cloning site Green=Tags(s)

MPRHCSAAGCCTRDTRRETRNRGISFHRLPKKDNPRRGLWLANCQRLDPSGQGLWDPTSEYIYFCSKHFEENCFELVGISGYHRLKEGAVPTIFESF SKLRRTAKTKGHGYPPGLPDVSRLRRCRKRCSERQGPPTPFSP
 PRADIICFPVEEASAPATLPASPAVRLDPGLNSPFDLLGPLGAQADEAGCSTQPSPEQHPSPLEPQPAS
 PSAYMLRLPPPAGAYIQNEHSYQVGSALLWKRRAEAALDALDKTQRQLQACKRREQRLRLRLTKLQQERA
 REKRAQADARQTLKDHVQDFAMQLSSSMA

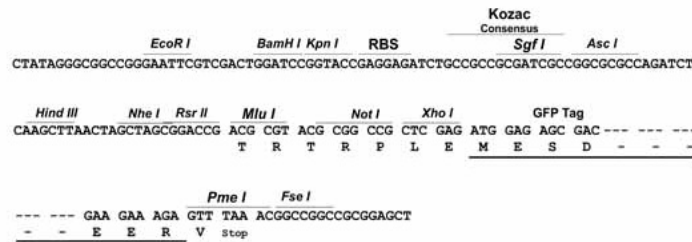
TRTRPLE - GFP Tag - V

Restriction Sites:

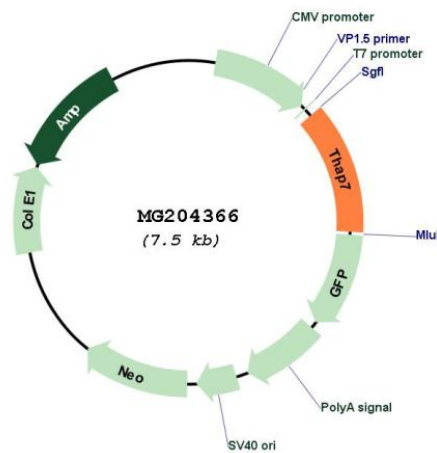
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_026909

ORF Size: 927 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:	<ol style="list-style-type: none">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_026909.2 , NP_081185.1
RefSeq Size:	1164 bp
RefSeq ORF:	930 bp
Locus ID:	69009
UniProt ID:	Q8VCZ3
Cytogenetics:	16
Gene Summary:	Chromatin-associated, histone tail-binding protein that represses transcription via recruitment of HDAC3 and nuclear hormone receptor corepressors.[UniProtKB/Swiss-Prot Function]