

Product datasheet for **MC216482**

Thrb (NM_009380) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thrb (NM_009380) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Thrb
Synonyms:	c-erbAbeta; Nr1a2; T3Rbeta; T3R[b]; Thrb1; Thrb2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216482 representing NM_009380
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACTACTGTATGCCAGAGGTACACGAAGTGTGCCAGCTGCCAGCAGCAACTGCTACATGCAGGTCA
 CTGACTACCTCGCATATCTGGAAGACAGTCCGGCTCTCAGTGGTCGTGATGTCCAAGCTGTGCCAGTAG
 CAGCATATATATGGAACAGGCCTGGGCAGTGAATCAGCCTTATACCTGTAGTTACCCTGGAAACCTGTTT
 AAAAGCAAGGACTCTGACTTGGACATGGCCCTCAGTCAGTCCAGCCAGCCTGCACATCTCCCTGAAGAAA
 AGCCTTTTCTCAAGTGCAGTCGCCACCGCACTCACAAAAAAGGGTATATCCCAGCTATTTAGACAA
 AGATGAGCTCTGTGTAGTGTGTGGGGACAAAGCCACAGGGTACCCTATCGCTGCATCACCTGTGAAGGC
 TGCAAGGGCTTTTGAAGAACCATTAGAAAAGTCTCCATCCATCTTATTCTGTAAATGAAGGAA
 AGTGCATCATAGACAAAGTCACCCGAACCAAGTCCAGGAATGTCGCTTTAAGAAATGCATCTATGTTGG
 CATGGCAACAGACTTGGTGTGGATGACAGCAAGAGGCTAGCCAAGCGGAAGCTTATAGAGGAGAACCCT
 GAGAAGAGGGCGGCCGGAAGAGCTACAGAAATCAATTGGGCACAAGCCAGAACCACCGGATGAGGAGTGGG
 AGCTCATCAAGACAGTCACTGAGGCCACGTGGCCACCAATGCCAGGGCAGCCACTGGAAGCAGAAAGCG
 GAAATTCCTGCCAGAAGACATTGGACAAGCACCCATCGTGAATGCCCCAGAAGGTGGCAAGGTTGACCTG
 GAAGCCTTCAGTCATTTTACAAAAATCATCACACCAGCAATTACCAGAGTGGTGGATTTTGCCAAAAAGT
 TGCCCATGTTTTGTGAGCTGCCATGTGAAGACCAGATCATCTCTCAAAGGCTGCTGCATGGAGATCAT
 GTCCTTCGAGCTGCTGTGCGCTATGACCCAGACAGCGAGACTCTAACTTGAATGGGGAAATGGCAGTG
 ACACGAGGCCAGCTGAAAAATGGGGCCCTGGGGTGGTTTCAGATGCCATCTTTGACCTGGGCATGTCTC
 TGTCATCTTTCAACCTGGATGACTGAAGTCGCCCTGCTTCAGGCCGTCCTGCTAATGTCTTCAGATCG
 CCCAGGGCTAGCCTGTGTTGAGAGAATAGAGAAAATACCAAGACAGTTTCTGTTGGCCTTTGAACACTAT
 ATCAATTACCGGAAGCACCATGTGACACACTTTTGGCCAAACTCCTGATGAAGGTGACAGACCTGCGGA
 TGATTGGAGCTTGCCATGCCAGCCGCTTCTCCACATGAAGGTGGAGTGGCCCACTGAGCTCTTCCCGCC
 TCTGTTCTTAGAAGTATTTGAGGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3666_d12.zip

Restriction Sites: SgfI-MluI

ACCN: NM_009380

Insert Size: 1428 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_009380.3](#), [NP_033406.1](#)

RefSeq Size: 6083 bp

RefSeq ORF: 1428 bp

Locus ID: 21834

UniProt ID: [P37242](#)

Cytogenetics: 14 A2

Gene Summary: Nuclear hormone receptor that can act as a repressor or activator of transcription. High affinity receptor for thyroid hormones, including triiodothyronine and thyroxine. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) encodes the longer isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.