

Product datasheet for **MC217758**

Thra (BC046795) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thra (BC046795) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Thra
Synonyms:	Nr1a1, T3R[a], T3Ralpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC046795
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACAGAAGCCAAGCAAGGTGGAGTGTGGGTGAGCCAGAGGAGAACAGTCCAGGTCAACAGATG
 GAAAGCGAAAAAGAAAGAACGGCCAATGTCCCCTGAAAAGCAGCATGTCAGGGTATATCCCTAGTTACCT
 GGACAAAGACGAGCAGTGTGTCGTGTGGGGACAAGGCCACCGTTTACTACTACCCTGTATCACTTGT
 GAGGGCTGCAAGGGCTTCTTTCGCCGACAATCCAGAAGAATCTCCATCCCACCTATTCTGCAAGTATG
 ACAGCTGCTGTGCATCGACAAGATCACCCGGAATCAGTGCCAGCTGTGCCGTTCAAGAAGTGCATTGC
 TGTGGGCATGGCCATGGACTTGGTTCTAGATGATTCGAAGCGGGTGGCCAAACGCAAGCTGATTGAGCAG
 AACCGGGAGAGGGCGAAAGGAGGAGATGATTCGCTCACTGCAGCAGCGACCAGAGCCACTCCTGAAG
 AGTGGGACCTGATACATGTTGCTACAGAGGCCATCGCAGCACTAACGCCAGGGCAGCCATTGAAACA
 GAGGCGAAAATTCTGCCGGATGACATTGGCCAGTCACCTATTGTCTCCATGCCGGACGGAGACAAGGTA
 GACCTAGAGGCCCTCAGCGAGTTTACCAAGATCATCACCCGGCCATCACGCGCTGGTGGACTTTGCCA
 AAAAAGTCCCATGTTCTCCGAGCTGCCTTGCAGAACAGATCATCCTCCTGAAGGGCTGCTGCATGGA
 GATCATGTCCCTGCGGGCAGCTGTCCGCTACGACCCTGAGAGTGACACCCTGACCCTGAGTGGGGAGATG
 GCGGTTAAGCGGGAACAGCTCAAGAATGGTGGCTTGGGTGTGGTCTCTGACGCCATCTTTGAACTGGGCA
 AGTCACTCTCTGCCTTTAACCTGGATGACACGGAAGTGGCTCTGCTGCAGGCTGTGCTGCTAATGTCAAC
 AGACCGCTCCGGCCTGCTGTGCGTGGACAAGATCGAGAAGAGTCAAGAGGCCTACCTGCTGGCGTTTGGAG
 CACTACGTCAACCACCGCAAACACAACATTCCGCACTTCTGGCCAAGCTGCTGATGAAGGAGAGAGAAG
 TGCAGAGTTCGATTCTGTACAAGGGGGCAGCGGCAGAAGGCCGGCCGGGGGCTACTGGCGTCCACCC
 GGAAGGACAGCAGCTTCTCGGAATGCATGTTGTTCAAGGTCCGCAGGTCCGGCAGCTTGAGCAGCAGCTT
 GGTGAAGCGGGAAGTCTCCGAGGGCCGGTCTTTCAGCACAGAGCCGAAGAGCCCGCAGCAGCGTCTCC
 TGGAGCTGCTCCACCGAAGCGGAATTCTCCATTCCCGAGCGGTCTGTGGGGAAGACGACAGCAGTGAGGC
 GAGCTCCCTGAGCTCCTCTCTGACACGGAGGACCGGAGGTCTGCGAGGACCAGGCAGGCAAGGCAGCC
 TCTCCCTGA

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC046795

Insert Size: 1479 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: [BC046795](#), [AAH46795](#)

RefSeq Size: 2440 bp

RefSeq ORF: 1478 bp

Locus ID: 21833

Cytogenetics: 11 62.58 cM

Gene Summary: The protein encoded by this gene is one of several nuclear hormone receptors that bind thyroid hormones such as triiodothyronine and thyroxine with high affinity. The encoded protein is a transcription factor that can activate or repress transcription. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Sep 2015]