

Product datasheet for **RN206508**

Trhr (NM_013047) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Trhr (NM_013047) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Trhr
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN206508 representing NM_013047
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAATGAAACCGTCAGTGAACGAACCAACCGAGCTCCCGCCGAAGTAGCCGTGGCCCTCGAGT
 ACCAGGTGGTCACCATCTTACTTGTGGTGGTTATCTGTGGACTGGGCATTGTGGGCAACATCATGGTAGT
 CCTGGTGGTCATGAGAACGAAGCACATGAGAACCGCTACAACCTGCTACCTGGTGGTCTGGCTGTGGCG
 GATCTCATGGTCTGGTGGTGCAGGCCCTCCCCAACATCACCGACAGCATCTATGGTTCCTGGGTCTATG
 GCTATGTTGGCTGCCTCTGCATCAGTATCTCCAGTACTTAGGAATTAACGCATCTTCATGCTCAATAAC
 AGCCTTTACCATTGAGAGGTACATAGCAATCTGCCACCCATCAAAGCCAGTTTCTGTGCACATTTTCC
 AGAGCCAAAAAATCATTATCTTTGTCTGGGCCTTACATCCATTTACTGTATGCTGTGGTTCTTCCCTTC
 TGGATCTCAATATCAGCACCTACAAAGATGCTATTGTGATATCCTGTGGCTACAAGATCTCCCGCAACTA
 CTACTCACCTATTTACCTAATGGACTTTGGCGTCTTTTATGTCATGCCAATGATCCTGGCCACTGTGCTT
 TACGGGTTTATAGCTAGAATCCTCTTCTTAAACCCATTCCTTCAGACCCATAAGAAAATCTAAGACGT
 GGAAAAATGACTCAACCCATCAGAACAAGAATATGAATTTAAACACCACCAACAGATGTTTCAACAGCAC
 CGTTTCTCCAGGAAGCAGGTACCAAGATGCTTGCAGTGGTGAATTTCTGTTTGCCTTTTATGGATG
 CCCTACAGGACTCTTGTGGTTGCAACTATTTCTCTCCAGCCCTTCCAGGAAAATGGTTCTTGTCTCT
 TTTGCAGAATTTGCATTTATCTCAACAGTGCCATCAACCCGGTATTTAACCTCATGTCTCAGAAGTT
 TCGTGCAGCCTTCAGGAAGCTCTGCAATTGCAAGCAGAAGCCACTGAGAAAGCTGCTAACTACAGTGTG
 GCCCTAAATTACAGTGTGATCAAGGAGTCAGACCGCTTTAGCACAGAGCTAGATGACATCACCGTCACTG
 ACACGTATGTGTCAACCACAAAAGTATCATTTGATGACACCTGCTTGGCCTCCGAGAAGAATGGACCCAG
 TTCTTGTACATATGGATATTCTTTGACTGCCAACAGGAGAAAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_013047
Insert Size:	1239 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:	<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:	<u>NM_013047.3</u> , <u>NP_037179.1</u>
RefSeq Size:	3390 bp
RefSeq ORF:	1239 bp
Locus ID:	25570
UniProt ID:	<u>Q01717</u>
Cytogenetics:	7q31
Gene Summary:	regulates thyroid gland function; mediates phospholipase C activation and increased intracellular calcium [RGD, Feb 2006]