

Product datasheet for **MC209586**

Trhr (NM_013696) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Trhr (NM_013696) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Trhr
 Synonyms: TRH-R1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC209586 representing NM_013696
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAATGATACTGTCACTGAAATGAACCAACCGAGCTCCAGCCACAAGCAGCTGTGGCCCTCGAGT
 ACCAGGTGGTTACCATCTTACTTGTGGTCATTATTTGTGGACTGGCATTGTGGGCAACATCATGGTAGT
 CCTGGTGGTCATGAGAACAAAGCACATGAGAACCCTACAACTGTTACCTGGTAAGTCTGGCTGTGGCA
 GATCTCATGGTTCTGGTGGCTGCAGGCCTCCCCAACATAACCGACAGTATCTATGGTTCTGGGTCTATG
 GCTATGTTGGCTGCCTCTGCATTACATATCTCCAGTACCTAGGCATTAATGCATCTTCATGTTCAATAAC
 GGCTTTACCATTGAAAGGTACATAGCAATCTGTACCCCATCAAAGCCAGTTTCTCTGCACGTTTTTC
 AGAGCCAAAAAATCATCATCTTTGTCTGGCCTTACATCCATTTACTGTATGCTCTGGTTCTTCTCTGC
 TGGATCTCAACATCAGCACCTACAAAACGCTGTTGTGGTTTCTGTGGCTACAAGATCTCCAGGAACTA
 CTACTCACCTATTTACCTAATGGACTTTGGTGTCTTTATGTTGTGCCAATGATCCTGGCCACTGTGCTT
 TATGGATTTATAGCTAGAATCCTCTTCTTAAACCCATTCTTCAGACCCTAAAGAAAACCTAAGATGT
 GGAAAAATGACTCAATCCATCAGAACAAGAATTTGAATTTAAATGCCACCAACAGATCTCAACAGCAC
 TGTATCTTCCAGGAAGCAGGTCACCAAGATGCTCGCAGTGGTTGTAATTCTGTTTGGCCCTTTTATGGATG
 CCTACAGGACTCTTGTGGTTGTCAACTCATTTCTCTCCAGCCCTTTCCAGGAAAATTGGTTCTTGTCTCT
 TTTGCAGAATTTGCATTTATCTCAACAGTGCCATCAACCCAGTGATTTACAACCTCATGTCTCAGAAATT
 TCGTGCAGCCTTCCAGGAAGCTCTGCAATTGCAAGCAGAAGCCACAGAAAAAGCTGCTAACTACAGTGTG
 GCCCTAAATTACAGTGTCAAGGAGTCAAGCCGCTTCCAGCACAGAGCTAGAAGATATCACCGTCAACCG
 ATACGTATGTGTCAACCACAAAAGTGTCTTTGATGACACCTGCTGGCCTCTGAGAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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|-------------------------------|---|
| ACCN: | NM_013696 |
| Insert Size: | 1182 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_013696.2</u> , <u>NP_038724.1</u> |
| RefSeq Size: | 3976 bp |
| RefSeq ORF: | 1182 bp |
| Locus ID: | 22045 |
| UniProt ID: | <u>P21761</u> |
| Cytogenetics: | 15 16.82 cM |
| Gene Summary: | Receptor for thyrotropin-releasing hormone. Activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. [UniProtKB/Swiss-Prot Function] |