

Product datasheet for **RN204986**

Theg (NM_001013102) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Theg (NM_001013102) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Theg
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN204986 representing NM_001013102
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGAACTTGGCGAACACCGGTCTAGGTCTAGTCTGCTCAGCATCCCAGTCTGGATACCAAGACTT
 CGGGCGGGTCAGAGTACAGGGAGAGTGATGGCAGTTTGGACCTTCAGAGTACGTTATTTGAGGACCACTG
 GCTGCAGAGCTCCAAGCCACCACAGAGCGAAACACAGATGATCCAGAAGAGGAAATCCCCCAGAGGAG
 ATGTTGGGAAGAGCTCCCCGAGGTCTCCAATCTGGAGGATTCCTTCGACGAGACCTGGAGGTGGAAG
 TGGTTGGAATGAGCCACCTGTCCATCAATGAGCGGACTACTCCACCACCTCCTCAGCCAAGTGCAGGAA
 AAAGAAGAACCATAGGCTACTGGAAGTGGCAAAGCCCAAGTTCAACTGGCAGTGTCTGAAAGACAGGACG
 GGGCGCTGTTGTAAGGGCCATGTCTGGATTTCCACGCAAGACCAACTTGCAGTTCTGCCTGTATTGGC
 CTTCTGTATACTGGACGGAGCGATTTATTGAGGACACCACGTTGACCATCACAGTCCCTGAGGTGTCCCG
 CCGCGTGGAGGAGCTTTCAAGGCCAAGAGGTTTACCAGGAATATTACAACAACAACAGGACTACGCC
 ATCTGGCCATCCCTCGGTCCACTTTGGAGTACCAAGCTTCTAACCAGGCTGAAGCGACTGGCTACCCCGA
 AGATTCGAATAACATCTGGAGTATTAACATGTCTGAGGTTTCCAGGTGTCCAGGGCAGCCAGATGGC
 AGTCCCTACCCACGGACGCTTCGATTGGCAAAGCCCAGGGCCCCAGCCACCCTGTTGGAAGAGTGGGAC
 CCTATGCCAAAACCAAGCCTTATGTGTCAGACTATAACCGCCTTCTTCAGCTGGCAAAGCTTAAACACC
 CAGATGTTGGGGCTAGACAGACGGCTCAGCGGGTAAGAGCACTGGCTGCCCTTCCAGAGGACCGGGTTC
 GATTCTCCAGCACCCACCGGACGCTACAACCGTCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
 ACCN: NM_001013102



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Insert Size:	1023 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_001013102.1</u> , <u>NP_001013120.1</u>
RefSeq Size:	1232 bp
RefSeq ORF:	1023 bp
Locus ID:	299599
UniProt ID:	<u>Q5XHX8</u>
Cytogenetics:	7q11
Gene Summary:	May be involved (but not essential) in spermatogenesis.[UniProtKB/Swiss-Prot Function]