

Product datasheet for MC209524

Theg (NM_199226) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Theg (NM_199226) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Theg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209524 representing NM_199226 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGGAACTTGGTGAACACCGGGCCAGTTTGCTCAGTAACCCAATCCCGAGGTCAAGACTTTGGGAG
AGTTAAAGCAGGGACAGAACAATGGCAATTTGGACCTTGAGAGCGAGCCATTTGGGAGCCATTGGTTGCA
GGGCTCTAAGGCCACTACAGGGCGAACCTCAGAAGAACCAGAGGAGGAAATCCCCCAGAGGAGATGGCT
GGGGAAGAGCTCCCGGAGACCTCCAATCTGGATGGTCCTCTTCAACAAGACCTGGAGGTGGAAGTGTTG
AAATGAGCCATCTGTCCATCACTGAGCGGACTCCAGTGTCTCCACAGCCAAGGGCAGGAAAAAGAGGAG
CCGGAGGCTGCTGGAGCTGGCGAAGCCTAAGACCAACTGGCAATGTCTGAGAGACAGGCCTTCTGTATAC
TGGACCGAGCGATTTATCGAGGACACCAGTTCACCATCACGGTCCCTGTGGTGTCCAGCGCATGGAGG
AGCTTTTCGAGGCCAAGCGGTTCTACCAGGAATATTACAACAATAACAGGACAACGCCCATCTGGTCCAT
CCCTCGGTCCACTCTGGAGTACCAAGCTTCTAACCAGGCTGAAGCAACTGGCTACCCCGAAGGTTTCGCAAT
AACATCTGGAGCATTAAATGTCTGAGGTTTCCCAAGTCTCCAGAGCAGCCAGATGGCAGTCCCGACCC
CACGGACGCTTCGGCTGGCAAAGCCAGGCCCCAGCCACTCTGTTGGAAGAGTGGGACCCTATGCCAAA
ACCCAAGCCTTACGTGTCAGACTATAACCGCCTTCTTCAGCTGGCAACACCCAAGGCCCTGTCAGAAAAG
TGGCTTCTGATCGCAGTCCCTCAGTGGGAGTCCCTGGATGTCACCAAGAACCGGTTGGCCAGTTCACGGA
TCATCTCCCTGGCCAGCCAAAATTGAAAGGACCTCAACGAGGGCTACAACCCATACTACATCTCCCC
AGCCTCTCTGGTGGCTCAGGCATCTCCTCGAATTTATGAGCTTCCACCCCAAAATACATACCAAGAAA
GTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_199226
Insert Size:	1056 bp



[View online »](#)

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:	NM_199226.1 , NP_954696.1
RefSeq Size:	1194 bp
RefSeq ORF:	1056 bp
Locus ID:	21830
UniProt ID:	Q9JMB1
Cytogenetics:	10 C1
Gene Summary:	May be involved (but not essential) in spermatogenesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an in-frame exon in the 5' coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment in the N-terminal region, compared to isoform 1.