

Product datasheet for **MC219102**

Themis3 (NM_028998) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Themis3 (NM_028998) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Themis3
Synonyms:	9130404H23Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219102 representing NM_028998
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCAAACCTTGGACTCTTACATCAGTTTCCTTAAATCAGAACTCTTTGCCAGACAAGTGGAGGTGA
 CCCAGGGAAGATATTCAGGGTCACTTGAAAACCTGTCATTCTCCAAGGGGATATCATCACGGTGGTGGA
 CCTGGAGCCAGTTTTCTCGTCAGAGCAGAAGTGAAGGACGGTATCAAGTTCTGGACGTGGTCACTATACCT
 CTAGATATGAAGGAACTTCCAAGTGGCAGACCCGGTTTCTTTGAACTGTGGCTGATTTAACCC
 GTTCTGTCCGACTTCCCAGAGTCTGTGGCCCTAGAAGTCTCCCGCTTCCAGAAGTCAATCCCAT
 CTCCGAGACAATTTGCCATGAAGCTCAGGAAAGGAGAAACACTGTCTTAATTGGCTTCAAGAGAGT
 CGGGGGAGGAGGCTGCTGCAATGCAAGGTGCTGAGGAAGAAGCCACCGCTGACAGTGTCTCCCATGG
 ACTGCAGGGGCCACTTCTGGAGTGCCAGGACGACAGTTCTACTCCATTGACACCATCGTGAGGTGGAA
 GATGCTTGCAAGGAGGAAACGCACGGTTAGAGTGAAGCAAGACATCACCGAAGCTCTTGGCCCCCTG
 GTTCCAGAGCACTTTCTGGACATTTAGTTTTGTATCCCTGTTTCTCAGTGACGGCAAATCTGCTAGGTG
 AGACCCGGGTTAGCATCCCTCCGATCTGGATATCAGTGTACTGAGATTGCCCGCTCGATCGTAAGCC
 CAGGACAACGATGAGACAAATACAGCATGGAAGAAAGCAAGTCCCAGTGAGAGTTAAAAATGAAT
 GTGGTCCAGTCCGAGAGCAAGGAGTACCCAAAGCCTCTGAAACGTGGGCAGCTCTTAACCATCCTCAAGA
 CTGAAGAGGTGAAAAAATTCGTTGCCTCTGAGATTTCCCAAGGAAAGAAAGGGAAGTGTTCCTCGTCCC
 ATACACCTATCAGGGCCTGGTGCCTTAGGAGAGGTGCTTATTTTTATGCTGTCTCTGATGTTGCTGCTGCC
 ATGAAGCATGGAGAGCTCTGCTCCAGGCCTCCAGGACTACACCTCTACCTGGGATCGTTTGCATCTT
 TCAGAGCCAACGAGTGTCTCTGGCCCTGAAGAAGAGTGTGGTTCCGCCGAGATTACGGTGAGCTGCA
 CAGGGTGGAAAGTCTCAAGTGCCTGAACATTGCCACTAAAGCCACGTCAAAGTGCCTTGTTCGCGTA
 GGTAAAGTTCCTGGAGCTGTTTGACGCGCTAGGCCAGGGACCCTGCAGGAGCTATGCCAAGTCACAAGAC
 TGCCGTGCCACGTGAGAGTACCAGCCAGATCCCTCCATGACTGTAGACCCTCTATATGGAAGTAAAGGA
 ACTGAGAATTGAAAATGTCATCATTGAACAATGCCTCATAGCCAAAGATGAACCAACTGGAGGACATA
 ATCTCCTCAGCAGACATGTACAGGGAGTGGCCAGAAACCATTTGAAATCCCGATTGAGAAGATAAGCT
 GTGAGGTGTTAGTGGTGAAGAGCGTTCGTGGATAGCTGATGTCAGGAAAGAGAGATGCAGGCCTCTCCA
 GAGCATCCAGGAGTCACTAAGGAGTCTCTGGCCTTTAGTAATTGCTTGGTTATTCGCCGTCACCACCA
 CCTGTTCCAAAGCCAGAAGTTGTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_028998
- Insert Size:** 1710 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: [NM_028998.1](#), [NP_083274.1](#)

RefSeq Size: 1798 bp

RefSeq ORF: 1710 bp

Locus ID: 74556

UniProt ID: [Q9CU24](#)

Cytogenetics: 17 E1.1