

## Product datasheet for **MC200236**

### Stat1 (BC004808) Mouse Untagged Clone

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | Expression Plasmids                   |
| Product Name:             | Stat1 (BC004808) Mouse Untagged Clone |
| Tag:                      | Tag Free                              |
| Symbol:                   | Stat1                                 |
| Synonyms:                 | 2010005J02Rik; AA408197               |
| Mammalian Cell Selection: | Neomycin                              |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)               |
| E. coli Selection:        | Kanamycin (25 ug/mL)                  |



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**Fully Sequenced ORF:** >BC004808  
 GTCAAAGCTCCCTGGAGACCTCCGGGACCGCGCCCTCAGACCCACTTGGGACTGCTGAGCGGCGCAG  
 AGAGATTTGCCAGACTCGAGCTCCTGCGTGCAGTGAGTGAGTGAGAGCCAGTCGTTTCAGCTCTGCTCC  
 ATACCCTGAGCCGGCCCCACGCCCGCGCATGCAACTGGCATATAACTTGTGTGTGGTGATTGCTT  
 GTGTTGAATCCCGAACCTGCCCCGGAGACAGCCAGTAAGTCTACGTGGGAACGGAAGCATTGGAATC  
 TCAAGGATGTACAGTGGTTCGAGCTTCAGCAGCTGGACTCCAAGTTCTGGAGCAGGTCCACCAGCTGT  
 ACGATGACAGTTTCCCCATGAAAATCAGACAGTACCTGGCCAGTGGCTGGAAAAGCAAGACTGGGAGCA  
 CGCTGCCTATGATGTCTCGTTTGCACCATCCGCTTCCACGACCTCCTCTCGCAGCTGGACGACCAGTAC  
 AGCCGCTTTTCTCTGGAGAATAATTTCTTGTGACGACAAACATACGAAAAGCAAGCGTAACTCCAGG  
 ATAACCTCAAGAAGATCCCGTACAGATGTCCATGATCATCTACAACCTGTCTGAAGGAAGAAAGGAAGAT  
 TTTGAAAATGCCAAAGATTTAATCAGGCCAGGAGGAAATATTCAGAACACTGTGATGTTAGATAAA  
 CAGAAGGAGCTGGACAGTAAAGTCAAGATGTGAAGGATCAAGTCATGTGCATAGAGCAGGAAATCAAGA  
 CCCTAGAAGAATTACAAGATGAATATGACTTTAAATGCAAAACCTCTCAGAACAGAGAAGGTGAAGCCAA  
 TGGTGTGGCGAAGAGCGACCAAAAACAGGAACAGCTGCTGCTCCACAAGATGTTTTAATGCTTGACAAT  
 AAGAGAAAAGGAGATAATTCACAAAATCAGAGAGTTGCTGAATTCCATCGAGCTCACTCAGAACACTCTGA  
 TTAATGACGAGCTCGTGGAGTGGAAAGCGAAGGCAGCAGAGCGCCTGCATCGGGGGACCGCCAACCGCTG  
 CCTGGATCAGCTGCAAAGCTGGTTCACCATTGTTGCAGAGACCCTGCAGCAGATCCGTCAGCAGCTTAAA  
 AAGCTGGAGGAGTTGGAACAGAAATTCACCTATGAGCCCGACCCTATTACAAAAACAAGCAGGTGTTGT  
 CAGATCGAACCTTCTCCTCTTCCAGCAGCTCATTAGAGCTCCTTCGTGGTAGAACGACAGCCGTGCAT  
 GCCCACTACCCCGCAGAGGCCCTGGTCTTGAAGACTGGGGTACAGTTCACTGTCAAGCTGAGACTGTTG  
 GTGAAATTGCAAGAGCTGAACATAACTTGAAGTGAAGTCTCATTGACAAAGATGTGAACGAGAAAA  
 ACACAGTAAAAGGATTTGGAAGTTCAACATCTGGGTACGCACACAAAAGTGATGAACATGGAAGAATC  
 ACCAACGGAAGTCTGGCAGCTGAGTTCGACACCTGCAACTGAAGGAACAGAAAAACGCTGGGAACAGA  
 ACTAATGAGGGGCTCTCATTGTACCCGAAGAACTTCACTCTTCTAGCTTTGAAAACCCAGTTGTGCCAGC  
 CAGGCTTGGTGATTGACCTGGAGACCACCTCTCTTCTGCTGCTGGTGATCTCCAACGTCAGCCAGCTCCC  
 CAGTGGCTGGGCGTCTATCCTGTGGTACAACATGCTGGTGACAGAGCCAGGAATCTCTCCTTCTCCTG  
 AATCCCCCGTGCAGTGGTGGTCCAGCTCTCAGAGGTGTTGAGTTGGCAGTTTTTCATCAGTCACCAAGA  
 GAGGTCTGAACGCAGACCAGCTGAGCATGCTGGGAGAGAAGCTGCTGGGCCCTAATGCTGGCCCTGATGG  
 TCTTATCCATGGACAAGGTTTTGTAAGGAAAATATTAATGATAAAAAATTTCTCCTTCTGGCCTTGGATT  
 GACACCATCCTAGAGCTCATTAAAGAAGCACCTGCTGTGCCTCTGGAATGATGGGTGCATTATGGGCTTCA  
 TCAGCAAGGAGCGAGAACGCGCTCTGCTCAAGGACCAGCAGCCAGGGACGTTCTGCTTAGGTTGAGTGA  
 GAGCTCCCGGGAAGGGGCCATCACATTCACATGGGTGGAACGGTCCCAGAACGGAGGTGAACCTGACTTC  
 CATGCTGTGGAGCCCTACACGAAAAAGAGCTTTCAGCTGTTACTTTCCAGATATTATTCGCAACTACA  
 AAGTCATGGCTGCCGAGAACATACCAGAGAATCCCTGAAGTATCTGTACCCCAATATTGACAAAGACCA  
 CGCCTTTGGGAAGTATTATTCAGACCAAAGGAAGCACCAGAACCGATGGAGCTTGACGACCCTAAGCGA  
 ACTGGATACATCAAGACTGAGTTGATTTCTGTGCTGAAGTGAAGTGAGCAGACAGAAGACTGGCTTACTG  
 GCTTGTTCAGGACCGCAGGCCAGCCCGTCCCTGGCTGCGGTCCATTGATTGCACTGGCTCATGGCTCAT  
 GGCTTGTCTTCCAATGTAAGTGTGTTGCCACCACAGTTGGACATTCTGGAAAAGTTTGTAACTAGTCTCT  
 GGTGTCAATGCTTACTGGCATTATTGCCATGAGATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC004808  
**Insert Size:** 2139 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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:** [BC004808](#), [AAH04808](#)

**RefSeq Size:** 2643 bp

**RefSeq ORF:** 2139 bp

**Locus ID:** 20846

**Cytogenetics:** 1 26.81 cM