

Product datasheet for **MC222635**

Stat2 (NM_019963) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stat2 (NM_019963) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stat2
Synonyms:	1600010G07Rik; AW496480
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>MC222635 representing NM_019963
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCAGTGGGAGATGTTGCAGAACCTTGACAGCCTGTTCTGGACCAGTTACACCAGGTCTACTCAC
 AGAGCATCTGCCAATGGACGTTTCGACAGCATTGGCTACCTGGATTGAAGACCAGAAGTGGAGGAAGC
 TGGCTGGGACGTGATGACGCCAAGGCCAACATGCTATACTTCAGCATCTGGACCAACTGAACCAGTGG
 GACCACTACAGCTCAGACTCCAATCACTTTTTATTACAGCATAACTTGCGAAAATTCAGCCGGGATATTC
 AGACCTTTCCCAATGGCCCTACCCAGTTGGCTGAGATGATCTTTAATCTTCTTCTGGAAGAGCAAAGGAT
 TCTGAATCAGGCTCAAAGAGCTCAAGAGGTGCAGCCCCACCAGCCCCGAAGCAGTTGTGGAGAGCCAG
 CAGCTTGAGATTGAAAATCGAATCCAGGGTTACATGTGGACATTGAGTCTTGGTGAGATCCATCAGGC
 AGCTGAAGGACGAACAGGATGTCTTCAGCTTCAGATACACAGTTTCAGTCTGAAGAAGACGTCGTCTTC
 AGACCCCATCAGAGCCAACAGGCGCAGCTTGTGCAGGCAACAGCCAACAAGTCGACAGAATGAGAAA
 GAGGTGCTGGACATCTCCAAGGACTGGTTGGCCGATTAAACCACCTGGTCGACCTATTGCTGCCAAGC
 TGGACGAGTGAAGGTGCAGCAGCAGAAGTCTGCATTGGAGCCCCGCCCCCGAGCTGCAGCTGGAACA
 GCTGGAACAGTGGTTGACGGCTGGAGCAAAGTTCTTGTCCACCTTCGGCAGCTACTGAAGCAGCTGAAG
 GAGATGAGTCACATGCTTCGGTATAAGGGTGACATGTTTGGCCAAGGGGTGGACCTGCAGAATGCCAAG
 TCATGGAGTTACTTCAGCGTCTGCTCCAAGGTCCTTGTAGTAGAAACCCAGCCCTGCATGCCCCAGAC
 TCTCCACCGACCCCTCATCCTGAAGACTGGGAACAAGTTCACCGTCCGAACAAGACTTCTGGTGAGACTC
 CAGGAAGGCAGCGAATCACTCAAAGCAGAAGTCTCTGTCGACAGGAATTCAGACTTACCAGGCTTCCGGA
 AGTTCAACATTTGACCTCAAACCAAAAAACCTTGACCCCGGAGGAGGGCCAGAGACAGGGCTTAAATTTG
 GGACTTCGGCTTCTTGACTCTGGTGGAGCAACCGCTGTGGGTGCAGGAAAGGGCAACAAGGGGCCGCTG
 GCAGTGACAGAGGAGTTACATGTCATCAGCTTCGTGGTTGAGTACGTGTACCAGGGTCTGAAGATGAAGC
 TGCAGACGGACACTCTCCCTGTTGTGATTATTTCTAACATGAACCAACTCTCCATTGCTGGGCCTCCAT
 TCTCTGGTTCAACATGCTCAGCCAAAATCCCAAGAACCAGCAGTCTTCTGCCAAGCTCCGAAAGCCCC
 TGGAGTTTGTGGGACCTGTGCTCAGCTGGCAGTTCTCCTTACGTTGGCCGAGGCCTCGATTCTGAGC
 AGCTGGGCATGCTGAGAACAAGCTGTTTGGAAAGAGCTGCAAGATGGAGGATGCGCTGTTGTCTGGGT
 AGACTTTTGAAGCGAGAGAGCCCCCTGGTAAGATCCCTTTCTGGACCTGGCTGGACAAAATTCTGGAG
 CTGGTGCAGCACCTGAAGGATCTCTGGAAGGATGGGCGCATCATGGGCTTTGTGAGCCGAACCAGG
 AACGCAGACTGCTGAAGAAGATGTTGTCTGGCACCTTCTACTGCGCTTCAAGTAACTTCTGAAGGGGG
 CATTACTTGTCTTGGGTGGAGCACAGGATGACGATAAAGTCGAAATCTACTCAGTGCAGCCCTACACC
 AAGGAAGTGTACAGTCACTCCCACTGACAGAGATCATCCGCCACTACCAGGTTCTTGGCAGAGAGAACA
 TCCCCGAGAACCCTCCGCTTCTCTATCCCCGAATCCCTCGGGACGAAGCTTTTGGGTGTTACTACCA
 GGAAAAAGTTAATTTTGAAGAACAGAGGAAATATTTGAAACATAAACTCATTGTGATCTCTAACAGACAG
 GTGGACGAGCTGCAGCAGCCTCTGGAGCTCAAACAGGATTCAGAGTCCTTAGAAGTGAATGCAGAGCTCT
 TGTTAGCACACGACCAGGAGTTGCCATTGATGATGCAGACTGGGCTGGTCTGGGCACAGAGCTGAAAGT
 GGACCCATACTGAGTACAGCCCCACAAGTCTGCTGGAGCCAGCCCCACAAGTCTGCTGGAGCCAGCC
 CACAAGTCCCGCTGGAGCCAGCCCCACAAGTCTGCTGGAGCCAGCCCCACAAGTCTGCTGGAGCCAG
 CCCCCACAAGTCTGCTGGAGCCAGCCCCACAAGTCTGCTGGAGCCAGCCCCACAAGTCCAGCTGGAGCC
 AGCCCCACAAGTCTGCTGGAGCTAGCCCCACAAGTCTGCTGGAGCCAGCCCCACAAGTCTGCTGGAG
 CTAGCCCCACAAGTCCAGCTGGAGCCAGCACACTTGTGCAGCAGCCATCAGAGTCAGATTTGCTGAGG
 ACCTGCAGCAGATTAGCGTGGAGGATCTGAAAAAATTAAGCAACCCGAGTACTGAATACATCACAAACCA
 CGAAAACCCAATGTTGGCTGGCGAGAGCAGTGGAGATGAGACTTCCATACCCTACCACAGCCATTTGAT
 GCGGATGGACTCTGGGATGGACTCTTGATACCTT**CGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN: NM_019963

Insert Size: 2769 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 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: [NM_019963.1](#), [NP_064347.1](#)

RefSeq Size: 4402 bp

RefSeq ORF: 2769 bp

Locus ID: 20847

Cytogenetics: 10 76.5 cM