

Product datasheet for **RN211895**

Stat2 (NM_001011905) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stat2 (NM_001011905) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stat2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211895 representing NM_001011905
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGCAGTGGGAGATGTTGCAGAACCTTGACAGTCCATTTCTGGACCAGTTGCATGAGCTCTACTCAC
AAAGCCTCCTGCCAATGGACGTCCGACAGCACTTGGCTGCCTGGATTGAAGACCAGAAGTGGAGGGAAGC
TGTA TAGGCAGTGATCATTCCAAGCCAAATGCTATACTTCAACATCCTGGACCAGCTGAACCACTGG
GACCACTACAGCTTGGACTCCGACTACCTTTTATTACAGCATAACTTGCGAAAATTAATCGGGACATTC
AGATGTTTCCCAATGGCCCTACCCAGTTGGCTGAGATGATCTTCAATCTTCTCCTGGAAGAGAAAAGGAT
TCTGAATCAGGCCAAAGAGCTCAAGAGATGCAGCCAGGCCAGCCCTGAAGCGGCAGGGGAGAGCCAG
CAGCAGCTTGAGATTGAAACAAGAATCCTGGATTTACAGACTGCTGTGGAGGCGTGGTGAGATCCATCA
GGCAGCTGAAGGATGTGCAGGATGTCTCAGCTTCAGATACACAGTTCTCAATCACAAGAAGACATCGTC
TTTGGACCCCATCAGAGCCAACAGCGCAGCTTGTGCAGACAACAGCCAATGAACTGGACAGAATGAGA
AAGGAGGTGCTGGACATCTCAAAGCCCTGGTTGGACGATTAACCACCCTGGTTCGACCTGTTGCTGCCAA
AGCTGGATGAGTGAAGGCTCAGCAGCAGAAGTCTGCATTGGAGCCCCAGCACCCGAGCTGCAGCTGGA
TCAGCTGGAACAGTGGTTGACAGCTGGAGCAAAGGTCTTGTTCACCTTCGGCAGCTACTGAAGCAACTG
AAGGATATGAGTCTATGCTTCGTTATGAGGGTGACATGTTTGGCCAAGGGGTGGACCTGCAGAATGCC
AAGTCACGGAGTTACTTCAGCGTCTGCTCAAAGGTCCTTGTAGTGGAAACCCAGCCCTGCATGCCCA
GACTCTCCATCGACCCCTCATCTGAAGACTGGGAGCAAGTTCAGTGTCCGAACAAGACTGCTGGTGAGA
CTCCAGGAAGGCAATGAATCACTCAAAGCAGAAGTCTCCATTGACAGGAATTCAGAGTTGCCAGGCTTCC
GGAAGTTCAACATTCTGACCTCAAACCAGAAGTCTTACCCTTGAGGAAGGCCAGAGCAAGGCTTAAT
TTGGGACTTCGGCTTCTTGACGCTGGTGGAGCAGCGCTCAGTGGGCGCAGGAAAGGGCAGCAACAAGGGG
CCGCTGCCTGTGACAGAGGAGCTACACATCATCAGCGCCATGGTGGAGTACGTTTACCAGGGTCTGAAGA
TGAAGCTGCAGACGGACACTCTCCCTGTGGTGATTATCTTAACATGAACCAACTCTCCATTGCCTGGGC
CTCCATTCTCTGGTTCAACATGCTCAGCTCAACTCCCAAGGACCAGCAGTTCTTCTGCAAAGTTCGGAAA
GCTCCGTGGAGTTTGTGGGGCTGCAGTTCAGTGGCAGTTCTCCTCATACCGCCGAGGCTCGATC
CTGAGCAGCTGGGCATGTGAGAAACAAGCTGTTCCGAAAGAAGTCAAGACAGAGGATGCAGTGTGTC
CTGGGCAGACTTCAGCAAGCGAGAGAGCCCCCTGGCAAGATCCCTTCTGGACCTGGCTGGACAAAATT
CTGGAGCTGGTACATGACCACCTGAAGGATCTCTGGAATGATGGGCGCATCATGGCTTTGTGAGCCGGA
GGGAGGAACGCCGACTACTGAAGAAGATGGTGTGGGCGACCTTCTGCTGCGCTTCAGTGAGACTTCTGA
AGGGGGCATTACCTGCTCTTGGGTGGAGCACCAGGATGATGATAAAGTCCCTCATCTACTCTGTGCAGCCC
TACACCAAGGAAGTGCTACAGTCACTCCCACTGACAGAAATCATCCGCCACTACCAGGTTCTCGCCGAAG
AGAATGCTCCTGAGAACCCTCCGCTTCTCTATCCCGCGTCCCTCGGGACGAAGCCTTTGGGTGTTA
CTACCAGGAAAAAGTTAACTTGAAGAACGGAGGAAATACCTGAAACATAGACTCATCGTGATCTTAAC
AGACAGGCGGACGAGCTGCAGCAGCCTCTGGAGCTTAAACAGGATCCAGAGTCCCTTAGAGCTGGATGCAG
AGCTCATGTGAGTGGAGTTGGCAGCAGACCTGGAGCTGCAGTCAATGCTGCAGGTGGGGCTGGACCT
GGGCGTAGAGCCGAAACCAGATCCACACTGAGTCCAGCCCCACAAATCCTGCTGGAGCCAGACCAGCA
CGTGCATTGAATCAGCTGTTGCCAGAGCCGATTGCTCAGGACCTGCAGCAGCTGAACACAGGGGAGA
TGGAAATCTTCAGAAACAACATAAATATTGATGACGTCATGCCCTACGGTGACCCAGTGTGGCTGGCCA
GAGCATCATAGAGGAGGCTTACAGGTCCTGCCAGCCATTTTGACGTGGATGGACCCTTGATTCCTTCT
GAAGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001011905
Insert Size: 2529 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_001011905.1</u> , <u>NP_001011905.1</u>
RefSeq Size:	3464 bp
RefSeq ORF:	2529 bp
Locus ID:	288774
Cytogenetics:	7q11