

Product datasheet for **RN215525**

Stat4 (NM_001012226) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stat4 (NM_001012226) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stat4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215525 representing NM_001012226
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCAGTGGAAATCAAGTCCAACAATTAGAATCAAGTTTTGGAGCAAGTAGATCAGTTCTATGATG
 ACAACTTTCTATGGAAATCCGGCATCTGCTGGCCAGTGGATTGAGACTCAAGACTGGGAAGTAGCTTC
 TAACAATGAAACTATGGCAACAATTCTCCTTCAAACCTTATTAATACAATTGGATGAACAGTTAGGTCGG
 GTTTCCAAAGAGAAAAACCTGCTATTGATTCACAATCTAAAGAGAATTAGGAAAGTTCTTCAGGGAAAGT
 TTCACGGAAATCCAATGCATGTAGCTGTGGTCATTTCAAATTGCTTAAGGGAAAGAGAGGAGAATACTGGC
 TGGCGCCAACATGCCTATCCAGGGACCTCTGGAGAAATCTTTACAGAGCTCTTCAGTTTCAGAAAGACAG
 AGAAATGTGGAACACAAAGTGGCTGCCATTAACAAACAGTGTGCAGATGACAGAACAAGACACCAAACTACT
 TAGAAGATCTGCAAGATGAGTTTGACTACAGGTATAAAACAATTCAGACAATGGATCAGGGTGACAAGAA
 CAGTATCTGGTGAACCGAAGTTTTGACATTGCAAGAAATGCTTAATAACCTGGACTTTAAAAGAAAG
 GAAGCACTCAGTAAGATGACACAGATAGTGAATGAGACAGACCTGCTCATGAACAGCATGCTGCTAGAAG
 AGCTGCAGGACTGGAAGAAGCGGCAACAGATCGCCTGCATTGGTGGCCCGCTCCACAACGGGTTGGACCA
 GCTTCAGAACTGCTTTACCCTACTGGCAGAGAGTCTTTCCAACCTTAGACAGCAACTGGAGAAATACAG
 GAGCAATCTACAAAAATGACGTACGAAGGGGATCCCATCCCTGCTCAAAGAGTTCACCTGCTGGAGAGAG
 CGACCTTCTCATCTACAACCTTTTTAAGAATTCATTTGTGGTCGAGCGACAGCCATGCATGCCAACACA
 CCCTCAGAGGCCGATGGTACTTAAACCCTCATTAGTTCAGTCACTGTAAAATTGAGATTACTAATAAAATG
 CCAGAAGTGAACATCAGGTGAAAGTGAAGGCATCCATTGACAAGAATGTCTCAACTTAAGCAATAGAA
 GATTTGTGCTCTGTGGAACCTCACATCAAAGCTATGTCCAGTGGGAATCTTCCAATGGGAGCCTCAGT
 GGAGTTTAGACATTTGCAACCGAAGGAGATGAAGTGCAGCACTGGGAGTAAAGGAAACGAGGGCTGCCAC
 ATGGTGACGGAAGAGCTGCACTCCATAACCTTTGAGACCCAGATCTGCCTCTATGGCCTACCATTAACC
 TAGAGACCAGCTCATTACCTGTGGTGATGATTTCTAATGTGAGCCAACTCCCTAATGCATGGGCGTCCAT
 CATTTGGTACAATGTGTCAACCAACGACTCCCAGAACTGGTTTTCTTTAACAACCTCCATCTGTTACC
 TTGGGCCAACTCCTGGAAGTGATGAGCTGGCAGTTTTTCATCTACGTCGGTCGTGGCCTTAATTCAGACC
 AGCTCAACATGCTGGCAGAGAAGCTCACAGTTCAGTCTAACTACAGTGATGGTCACTCACCTGGGCCAA
 GTTCTGCAAGGAACATTTGCCTGGCAAAACGTTTACCTTCTGGACCTGGCTTGAAGCAATATTGGACCTA
 ATTAAAAAACACATTTCTCCCTCTGGATTGATGGGTACATCATGGGCTTTGTTAGCAAAGAGAAGGAAC
 GGCTTCTGCTCAAAGATAAAATGCCTGGGACATTTTTGTTAAGATTGAGTGAAGAGCCATCTTGGAGGGAT
 AACCTTCACTGGGTGGACCAATCTGAAAATGGAGAAGTGAAGTCCACTCCGTTGGAACCTTACAACAAA
 GCGCGGCTATCAGCTCTGCCATTCGCTGACATTCTCGAGACTACAAGGTTATCATGGCTGAAAACATCC
 CCGAAAACCTCTGAAGTACCTTACCCTGACATTTCCAAAGACAAGGCTTTGGCAAACACTACAGCTC
 CCAGCCGTGCGAAGTTTCAAGACCGACAGAACGGGGCGACAAGGGTTATGTCCTCTGTTTTTATACCC
 ATTTCAACAATCCGAAGTATCCACGGAGCCACAGTCTCCTTCAGACCTTCTCCCATGTCACCAAGTG
 CATATGCTGTGCTGAGAGAAAACCTGAGCCCAACGACAATTGAGACTGCAATGAATCCCGTATTCTGC
 TGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001012226

Insert Size: 2247 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_001012226.1, NP_001012226.1</u>
RefSeq Size:	3007 bp
RefSeq ORF:	2247 bp
Locus ID:	367264
Cytogenetics:	9q22