

## Product datasheet for **RN203821**

### Stat6 (NM\_001044250) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stat6 (NM_001044250) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stat6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203821 representing NM\_001044250  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCTCTGTGGAGTCTAGTTTCCAAGATGCCAGAAAACTGCAACGGCTCTATGTTGACTTTCCAC  
 AACACCTGCGGCATCTTCTGGCCGAATGGCTGGAGAATCAGCCCTGGGAGTTCCTGGTTGGTTCAGATGC  
 TTTCTGTTACAACATGGCTAGTGCCTACTTTCTGCCACTGTCCAGCGTCTTCAGGCCTCTGCAGGAGAG  
 CAGGGGAAAGGAAGCAGCCTCTTGCAGCACATCAGCACCTTGGAGAGCATCTATCAGAGGGACCCCTGA  
 AGCTGGTGGCCACCATCAGACAAATACTTCAAGGGGAGAAAAAGCTGTTATAGAAGAGTTCACCACCT  
 GCCAGGGCCCTTCCATCGAAAGCAGGAAGAACTCAAGTTTACTACAGCCCTGGCAGGCTTCAGCACCGA  
 GTAAGGGAGACCAGGATTCTCCGAGAATCTCTGCAGCAGGGGACCAAGACTGCGCAAGTGTCTCTGAAGA  
 ACTTGATAGACCCTCCTGCCAATGGCACTGGTCCAAGTGAAGATCTGGCCACGATGCTGCAGGGGACTGT  
 GGGGACTTGGAGGCCACCCAGGCTCTAGTGTGAAAAGGATTCAGATTTGGAAGCGGCAACAGCAGCTG  
 GCAGGGAATGGCACACCCCTTTGAGGAGAGCCTGGCAGGGCTGCAGGAGAGGTGTAAAGCCTGGTGGAAA  
 TTTATTCCAGCTGCAGCAGGAGATTGGAGCAGCCAGTGGGGAGCTTGAGCCCAAGACCCGGGCATCGCT  
 CATAAGCCGTCTGGATGAAGTCTGCGAACCTTGTGACCAGCTTTTCTGTTGGAGAAGCAGCCCCCA  
 CAGGTTCTGAAGACACAGACTAAGTTTCAAGGCTGGGGTTCGATTCCTACTGGGTCTGCAGTTCCTAGGGA  
 CCTCAGCCAAGCCTCCACTGGTCAAGCTGACATGGTGACAGAGAAAACAGGCCAGAGAATAAGCCTGCC  
 CCAGGGGTCTGGGGCTGGAGTGGAGAGCACAGGAGAGATCATGAACAATACTGTACCTCTGGAGAACAGT  
 GTTCTGGAACTGTCTGCTCTGCCCTCTCAAGAACCTGCTCCTGAAGAAAATCAAGCGCTGTGAGCCCAA  
 CAAACACCTCATCCAGCTTCAGGCCCTGTCTGCCCCTTGGTGGTTCATCGTTTATGGCAACCAAGACAAC  
 AATGCCAAAGCTACCATCCTGTGGGATAATGCCTTCTCTGAGATGGACCGAGTGCCTTTGTGGTGTG  
 AGCGAGTGCCTGGGAGAAAATGTGTAAACTCTGAACCTCAAGTTTATGGCTGAGGTGGGGACCAGCCG  
 GGGACTGCTACCAGAACACTTCTGTTCTGGCCAGAAGATCTTCAATGACAACAGCCTTAGCATAGAG  
 GCCTTTCAGCACCCTGTGTCTTGGTCAAGTTCACCAAGGAGATTCTACTGGCCGAGGCTTCACTT  
 TTTGGCAGTGGTTTATGAGTGTCTGGACCTCACTAACGCTGTCTTCCGAGCTACTGGTCAGATCGGCT  
 GATCATCGGCTTATCAGTAAGCAATATGTCACTAGCCTTCTCCTCAACGAGCCAGATGGAACCTTCTC  
 CTCGGCTTATAGGACTCTGAGATTGGGGGCATCACCATGCCATGTCATCCGGGTGAGGATGGCTCCT  
 CACAGATAGAGAACATCCAGCCGTTTTCTGCCAAAGACCTATCCATTGCTCACTGGGGGACCGAATCCG  
 AGATCTTGCTCAATTAACCAACCTTACCCCAAGAAACCAAGGATGAGGCTTTTCGGAGCCACTATAAG  
 CCGGAACAGATGGGAAAGGACGGGAGGGGTTATGTCTCAACTACTATCAAGATGACTGTGAAAAGGGACC  
 AGCCCCCTTCTACTCCAGAGCCCCAGATGCCTGCCATGGTGGCCCTTATGATCTTGGAAATGGCCCTGA  
 TGCTTCCATGCAACTCAGCTCAGATATGGTGTATCCTCCACAGTCTCATTCCATCCACTCATTTCAGAGC  
 ATCCCCCTAGAAGAGTCCATGAGTGTACTGCCACCCTTTCAGGAGCCTCACCTCCAAATGCCCCCAACA  
 TGAGCCAGATAAGCATGCCCTTTGACCAGCCTCATCCCCAGGGCCTGCTCCAGTGCAGTCCCAGGAGCA  
 TGCGGTGTCCAGCCCTGAACCTTGTCTGTGTTGAGATGTCATATGGCGGAAGACAGCTGCCTAATCAG  
 CCTGTGCAAGGTTTCCCCAGGGCACCTGGGTGAGGAGGATGTACCTCCCTGATGCCTCCACTG  
 AACAGGACCTCACCAAGCTTCTCCTAGAGGGCCAAGGGGAAGGTGGAGGATCCATAGGGACTCAGCCCT  
 CCTGCAACCATCTTCTTATGGGCAATCGGGATCTCAATGTCCCACCTGGACCTAAGGACCAACCCAGT  
 TGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001044250  
**Insert Size:** 2526 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001044250.1</a></u> , <u><a href="#">NP_001037715.1</a></u>
<b>RefSeq Size:</b>	2635 bp
<b>RefSeq ORF:</b>	2526 bp
<b>Locus ID:</b>	362896
<b>Cytogenetics:</b>	7q22