

## Product datasheet for **MC222001**

### Stat6 (NM\_009284) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stat6 (NM_009284) Mouse 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:** >MC222001 representing NM\_009284  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCTCTGTGGGCCTAATTTCCAAGATGTCCCAGAAAACTGCAACGGCTCTATGTTGACTTTCCAC  
 AACGCCTACGGCATCTCCTGGCTGACTGGCTGGAGAGCCAGCCCTGGGAGTTCCTGGTCCGTTCCAGATGC  
 TTTCTGTTACAACATGGCCAGTGCCTACTTTCTGCCACAGTCCAGCGTCTTCAGGCCACTGCTGGAGAG  
 CAGGGGAAGGAAACAGCATCTTGCCGCACATCAGCACCTTGGAGAGCATCTATCAGAGGGACCCCTGA  
 AGCTGGTGGCCACCATCAGACAAATACTTCAAGGGGAGAAAAAGCTGTTATAGAAGAGTTCGCCACCT  
 GCCAGGGCCCTTCCATCGGAAGCAGGAAGAACTCAAGTTACTACAGCCCTCGGAAGGCTTCAGCATCGA  
 GTAAGGGAGACCCGGCTTCTCCGAGAATCTCTGCAGCAAGGGGCTAAGACTGGACAAGTGTCTCTGCAGA  
 ATTTGATAGACCCTCCTGTCAATGGTCTGGTCCAAGTGAAGACTGGCCACCATGCTGCAGGGGACTGT  
 GGGGACTGGAGGCCACCCAGGCCCTGGTGTGAAAAGGATTGAGATTTGGAAGCGGCAGCAACAGCTG  
 GCAGGGAATGGCACACCTTTGAGGAGAGCCTAGCAGGGCTGCAGGAGAGGTGTGAAAGCCTGGTGGAAA  
 TTTATTCCAGCTGCAGCAGGAGATTGGGGCAGCCAGTGGAGAAGTGGAAACCAAGACCCGGGCATCGCT  
 GATAAGCCGTCTGGATGAAGTCCTGCGAACCTTGTGACCAGCTTTTCTGTTGGGAGAAGCAGCCCCCG  
 CAGGTTCTGAAGACACAGACTAAGTTCAGGCTGGGGTTCGATTCTGCTGGGTCTGCAGTTTCTAGGGA  
 CCTCAGCAAGCCTCCAATGGTCAAGCTGACATGGTGACAGAGAAAACAGGCCAGAGAAGTAAAGCCTGGC  
 CCAGGGGCCCCGGGACTGGAGTGGAGAGCACAGGAGAGATCATGAACAACCGGTGCCCTGGAGAACAGC  
 ATTTCCAGCAACTGCTGCTCCGCCCTGTCAAGAACCTGCTCCTGAAGAAAATAAAGCGCTGTGAGCGAA  
 AGGGACAGAGTCTGTCAACCGAGGAGAAGTGTGCTGCTTTCTCCAGAGCTTCACATTTGGGCCCCAA  
 CAAACTTCTCATCCAGCTTCAGGCCCTGTCTGCCCCTTGGTGGTCACTGTCATGGTAACCAAGACAAC  
 AACGCCAAAGCTACCATCCTATGGGACAATGCCTTCTCTGAGATGGACCGAGTGCCTTTGTGGTGGCTG  
 AGCGAGTGCCTGGGAGAAGATGTGTGAAACCCTAAACCTCAAGTTTATGGCTGAGGTGGGGACCAGCCG  
 GGGACTGCTTCCAGAGCACTTCTGTTCTCGCCAGAAGATCTTCAACGACAACAGCCTCAGTGTGGAG  
 GCCTTTCAGCACCGCTGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT  
 TTTGGCAGTGGTTTATAGTAAGCAATATGCTACTAGCCTTCTCCTCAATGAGCCAGATGGGACCTTCTC  
 CTCGGCTTATAGGACTCTGAGATCGGGGCATCACCATTGCACACGTATCCGGGTGAGGATGGCTCCT  
 CACAGATAGAGAACATCCAGCCATTTTCTGCCAAGACCTGTCCATTGCTCACTGGGGGACCGGATCCG  
 GGATCTTGCTCAGTTAAAAACCTTACCCCAAGAAACCCAAAGATGAGGCTTCCGGAGTCACTATAAG  
 CCCGAACAGATGGGAAGGACGGGAGGGGTTATGTCTCTACTACTATCAAGATGACTGTGAAAAGGGACC  
 AGCCCCCTCTACTCCAGAGCCCCAGATGCCTGCCATGGTCCACCTTATGATCTTGGAAATGGCCCTGA  
 TGCTTCCATGCAACTCAGCTCAGATATGGGGTATCCTCCACAGTCCATCCACTATTTCCAGAGCCTAGAA  
 GAGTCCATGAGTGTACTGCCATCTTTTCCAGGAGCCTCACCTGCAAATGCCCCCAACATGAGCCAGATAA  
 CCATGCCCTTTGACCAGCCTCACCCCAAGGCTGTGCTGCAGTCCAGTCCAGGAACATGCTGTGTCAG  
 CCTGAACCCATGCTTTGCTCAGATGTGACTATGGTAGAGGACAGCTGCCTAACTCAGCCTGTGGGAGGT  
 TTCCCCCAAGGCACCTGGGTGAGTGAAGACATGTACCCTCCCCTGATGCCTCCACTGAACAGGACCTCA  
 CCAAGCTTCTCCTGGAGAACCAAGGGGAGCAGGAGGCTCTTAGGAAGCCAGCCCTCCTGCAACCATC  
 TCCTTATGGGCAATCAGGGATCTCACTGTCCACCTGGACCTAAGGACCAACCCAGCTGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_009284  
**Insert Size:** 2514 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>	<a href="#">NM_009284.2</a> , <a href="#">NP_033310.2</a>
<b>RefSeq Size:</b>	3805 bp
<b>RefSeq ORF:</b>	2514 bp
<b>Locus ID:</b>	20852
<b>UniProt ID:</b>	<a href="#">P52633</a>
<b>Cytogenetics:</b>	10 74.59 cM
<b>Gene Summary:</b>	Carries out a dual function: signal transduction and activation of transcription. Involved in IL4/interleukin-4- and IL3/interleukin-3-mediated signaling.[UniProtKB/Swiss-Prot Function]