

## Product datasheet for **MC204268**

### **Stau1 (NM\_011490) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Stau1 (NM_011490) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stau1
Synonyms:	5830401L18Rik; AW549911; C85792; Stau
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC012959  
 CCACGCGTCCGCGAGCCGCTCTTCAGCGTTTGCCTGGCTGTCGTGCGCTCTGTGTGCGCTCCCCCTTCT  
 TCTGAGCCCCGGCCTGGCGGGCCCGCCTTCGCTCCGCCACTCCGCCTTCCCTCCTCTGGTCCGGTCC  
 CTTTTCTCGCCGTCTTCACTTGTCTTTCACCTCCTCGCCGCCCAAGACC GCCCGCCGGGACG  
 AGCTCTGGGAAGCAGCCAGAAAGTATAGCTTCTACCATTGAGCTCAATGCACTGTGTGAACTGGAA  
 AGAAAACCAATGTATAAGCCCGTGGACCCTCACTCTCGGATGCAGTCCACCTACAGCTATGGCATGCGTG  
 GAGGTGCCTATCCCCCAGATACTTTTACCCTTTCCAGTCCCACCTTTACTCTACCAAGTTGAGCTCTC  
 CGTGGGCGGACAGCAGTTTAAATGGGAAAAGGAAAGATGAGACCACCCGTGAAACACGATGCCCTGCCCGT  
 GCGCTGAGGACTCTGCAGAGTGAACCCCTGCCAGAAAAGTTGGAGGTAATGGAAGAGAAGCAGAGGAAG  
 AAAACCTCAATAAATCGGAAATAAGCCAAGTGTTGAAATTGCGCTGAAGCGGAATTTGCCTGTGAATTT  
 TGAGGTGGCCCGGAGAGTGGCCACCACACATGAAGAATTTGTGACCAGGTTTCAGTTGGGGAATTT  
 GTAGGGGAAGGAGAAGGAAAAGCAAGAAGATCTCCAAGAAGAATGCGGCCAGGGCTGTTCTGGAGCAGC  
 TTAGGAGGCTGCCACCCCTCCCTGCTGTGGAGCGAGTGAAGCCCAGAATCAAGAAGAAAAGTCAGCCAC  
 CTGCAAGCTACAGACAGCCCGGATTATGGCCAAGGGATGAATCCTATTAGTAGACTTGACAGATCCAG  
 CAGGCAAAAAAGGAGAAGGAGCCAGAGTACATGCTCCTTACAGAACGAGGTCTTCCACGTGCGAGGGAGT  
 TTGTGATGCAGGTAAAGTTGGGATCACACTGCAAGAAGGAGTGGTACCAATAAGAAGGTGGCCAAAGCG  
 TAATGCTGCTGAGAACATGCTGGAGATCCTGGGTTCAAAGTTCCCCAGGCGCAGCTGCCAAGCCAGCA  
 CTCAAATCAGAAGAGAAGACTCCAGTAAAGAAACCAGGAGACGGAAGGAAAGTAACGTTTTTTGAACTA  
 GCCCTGGGGATGAAAAATGGAAGTGTAAACAAGGACGAGGAGTTCCAGGATGCCTTATCTTAGCCATCAGCA  
 GCTGCCAGCTGGAATTTCCCATGGTGGCCGAAGTTGCCAGGCTGTGCGGGTTAGTCAAGGACACCAC  
 ACCAAAGATTTACCAGGCGAGCTCAAATCCTGCCAAGGCAACGGTAAGTCCATGATAGCCCGAGAGT  
 TGTTGTACGGGGCACCCTCGCCACAGCCGAGACCATTTAAAGAGTAACATCTCTTCCAGCCACGTACC  
 CCATGGACCTCGCACTAGACCCTCTGAGCACTGTACTACCTTTCCAGAGCCAGGGATTCAGGTTGAA  
 TACAAAGATTTTCCCAAGAACAACAAGAACGAGTGTGTATCTCTCATCAACTGCTCCTCACAGCCGCTC  
 TCGTCAGTCATGGCATCGCAAGGATGTGGAGTCTGTATGATATGGCTGCACTGAACATTTTAAAGCT  
 GCTGTCTGAGTTGGACCAACAGAGCACAGAGATGCCAAGAACAGGAAATGGACCAGTTTCAGCGTGGGG  
 AGGTGCTGAACCTTTTCTGGCCACAAACCATTATAAAAACCAACATATACTGAAAATACTGAGAACTG  
 CTTTGAATTTGGAATATCTGATAACTCCAGTGGGCAAGACATGGTGGATAAAAAATGTGGCAAAGACG  
 ACAAGAACTTCAGGTGGTAGCCCTGGTGTGCTGGGCGCTAGTGTATGCTGTGCTGCTGCCATCCAT  
 CCAGACAGAAACCAGCCCAACGCCTCCAGTTCTGTTTTGCATCGTGACAAAGAGAGCACAGCCAATTC  
 TCATGCTGGCTTCTTCCAGATACTTTGAAAACCCGGACAGCCACACCAGAGAGGCCTTATAGCGCCCG  
 GAGCTAAACGCACCAGAGAAAAACAGTCTTCTACTGCACATGACTGACTCAGCTCCGCCACAGTAG  
 CACCAGTGAACCACTGCTTTCTCTTCAAGTTTCATTTTTTCTTTGATTGATACAACACTATAATTTT  
 CATTTTCAGTTCTTAGTCGTGTCTACTTACCTAGCAGTTTAGAACTGTGAGTCACTGGAAGGCA  
 TCACAGCCCGGTTGGGTGGCATTCTGTGCCCTGGCTGGCTGAACAGTTCTGGAATACCACCAGAATC  
 CTTGACTCCCTGCCCTTGATAAATGGACAGCTTAGGACTTTTAACTTTAGATCAAAAGATATGGTC  
 CTTTTTAACTTTATTTTAAAGGAGCAGACTTTAAATGAGCCCTGACCTTACCATTATAACAGAAATTT  
 GTCAAAAGGAGTGTCTTGGAGGAGTAGCTTTTTTTACCACACTACAGGACATTACCTGTAGGCCAG  
 AAGACTACAGGCTGGTGTCCCTAGAGGGCCCAATACAGTCAATCCAACCTCTAAGTCGGGGAAGGTTGA  
 CAGGTTTTCTGGTGTGTGTCACAGGGCAGGCAAGTCAAGTGGCTGGGGAAGAGCATTGTGGCTCC  
 TAGTGACGCCCTGCTTCCACTCTTGTTTGTGGAACCTTCCACTCATGGAATATAAGTAAACTCACT  
 TTCTTTGTACCAATAAATGGTAATACTAAA AAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_011490  
**Insert Size:** 1470 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="#">BC012959</a> , <a href="#">AAH12959</a>
<b>RefSeq Size:</b>	2879 bp
<b>RefSeq ORF:</b>	1470 bp
<b>Locus ID:</b>	20853
<b>UniProt ID:</b>	<a href="#">Q9Z108</a>
<b>Cytogenetics:</b>	2 H3
<b>Gene Summary:</b>	<p>Binds double-stranded RNA (regardless of the sequence) and tubulin. May play a role in specific positioning of mRNAs at given sites in the cell by cross-linking cytoskeletal and RNA components, and in stimulating their translation at the site.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses two alternate in-frame splice sites in the 5' coding region, compared to variant 1, resulting in an isoform (3) that is shorter than isoform 1.</p>