

## Product datasheet for **RN200249**

### **Stau1 (NM\_053436) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Stau1 (NM_053436) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stau1
Synonyms:	Stau
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN200249 representing NM\_053436  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTATAAGCCGTGGACCCCACTCTCGGATGCAGTCCACCTACAGCTATGGCATGCGTGGAGGTGCCT  
ATCCCCCAGATACTTTTACCCATTTCCAGTTCACCGTTACTCTACCAAGTTGAGCTCTCCGTGGGAGG  
ACAGCAGTTTAAATGGGAAGGGAAGATGAGACCACCTGTGAAACATGATGCCACTGCCGAGCCCTGAGG  
ACTCTGCAGAGTGAGCCCTACCAGAGAGGCTAGAGGTAATGGAAGAGAATCAGAAGAAGAAAACCTTA  
ATAAATCAGAAAATAGCCAAGTGTGAGATTGCGCTGAAGCGGAATTTGCCTGTGAATTTTGTAGTCTTT  
CCCTCTGACACAGGTGGCCCGGAGAGTGGCCCGCACACATGAAGAATTTGTGACCAGGGTTTCAGTT  
GGGGAGTTGTAGGGGAAGGAGAAGGAAAAGCAAGAAGATCTCCAAGAAGAATGCGGCAAGGGCCGTGC  
TGGAGCAGCTAAGGAGGCTGCCACCTCTACCTGTGTGGAGCGAGTGAAGCCAGAAATCAAGAAGAAAAG  
TCAGCCCACCTGCAAGCTACAGACTGCCCCGACTATGGCCAAGGGATGAATCCTATTAGCAGACTGGCA  
CAGATCCAGCAGGCAAAAAGGAGAAGGAGCCGGAGTACATGCTCCTTACAGAACGAGGTCTTCCACGTC  
GCAGGGAGTTTGTGATGCAGGTGAAGTTGGGCATCACACCGCAGAAGGAGCAGGTACCAATAAGAAGGT  
GGCCAAGCGCAATGCTGCTGAGAACATGCTGGAGATCCTGGGTTCAAAGTCCCCAGGCGCAGCCTGCC  
AAGCCAGCACTCAATCAGAAGAGAAGACTCCAGTAAAGAAACCAGGAGATGGAAGGAAAGTAACATTTT  
TTGAACCTAGCCCTGGGGATGAAAATGGAACAGTAATAAAGAGGATGAGTTCAGGATGCCCTATCTTAG  
CCATCAGCAGCTGCCAGCCGGATCCTCCCATGGTGCCAGAGGTTGCCAGGCTGTGCGGGTTAGTCAA  
GGACACCATAACCAAGATTTCCGACAGGCGAGCTCCAAATCCTGCCAAGGCCACGGTAACCTCTTTCAGG  
CCCGAGAATTGTTGTACGGGGCACCTCGCCACAGCCGAGACATTTTAAAGAGTAACATCTTTCAGG  
ACATGTACCCCATGGACCTCGCACAAAGACCTCTGAGCAACTGTACTACCTTTCCAGAGCCAGGGATTC  
CAGGTTGAATACAAGACTTCCCAAGAACAACAAGAACGAGTGTGTATCTCTCACTCAACTGCTCTTCAC  
AGCCACCTCTCGTCAGCCATGGCATCGGCAAGGATGTGGAGTCTGTGATGATATGGCTGCACTGAACAT  
CTTAAAGCTGCTGTCTGAGTTGGACCAACAGAGCACAGAGATGCCAAGGACAGGAAACGGACCAGTTTCA  
GCGTGGGGAGGTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_053436

**Insert Size:** 1488 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:**

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:** [NM\\_053436.2](#), [NP\\_445888.1](#)

**RefSeq Size:** 3073 bp

**RefSeq ORF:** 1488 bp

**Locus ID:** 84496

**Cytogenetics:** 3q42

**Gene Summary:** accumulates along microtubules in the dendrites linking RNAs to the dendritic microtubular cytoskeleton [RGD, Feb 2006]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).