

Product datasheet for **RN200183**

Stau2 (NM_001007149) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stau2 (NM_001007149) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stau2
Synonyms:	MGC93196
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200183 representing NM_001007149
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAAATCCCAAAGAGAAAACCTCAATGTGTCTGGTAAATGAGTTAGCCCGTTCCATAGCATCCAAC
CCCAGTATAAACTTCTGAATGAAAGCGGCCTGCTCATTGGAAGATGTTTTCGGTGCAGCTGAGTCTGGG
TGAGCAGACATGGGAATCCGAAGGGAGCAGTATAAAGAAGGCCAACAGGCTGTTGCAAATAAAGCTTTG
ACTGAATCTACGCTTCCCAAACCCGTTCCAGAAACCACCCAAAAGTAATGTCAATAATAACCCAGGCAGTA
TAACTCCGACTGTGGAAGTGAATGGGCTTGCTATGAAAAGGGGAGAGCCTGCCATCTACAGGCCGTTAGA
CCCAAAGCCATCCCAAATTATAGAGCTAATTACAACCTCCGGGGCATGTACAACCAGAGATATCATTGC
CCAATGCCAAGATCTTTTATGTTCAAGTGTACTGTAGGAAATAATGAATCTTTGGCGAAGGGAAGACTC
GGCAAGCTGCCAGACACAATGCTGCGATGAAAGCTCTTCAAGCCCTACAGAATGAGCCAATCCAGAAAA
GTCTCCTCAGAATGGTGAATCAGGAAAAGAAATGGATGACGATAAAGATGCCAATAAATCTGAAATAAGC
TTAGTGTGTTGAAATTGCGCTGAAGAGAAAATATGCCCGTCAGTTTTGAGGTTATTAAGAAAAGTGGACCAC
CACATATGAAGAGTTTTGTTACCCGGGTGTCTGTGGGAGAATTTCTGCCGAAGGAGAGGAAAATAGCAA
AAAGCTCTCCAAGAAACGTGCAGCAACCACGGTCTTACAGGAGCTTAAGAAAACCTCCACCTCTTCTGTG
ATAGAAAAGCCAAAACCTATTTTTAAAAACGCCCTAAAACAATAATAAAGGCTGGACCCGAGTATGGTC
AAGGAATGAACCTATTAGCCGCTGGCTCAAATCCAGCAGGCCAGAAAGGAAAAGGAGCCTGATTACGT
TTTACTTTTCAGAACGTGGAATGCCTCGCCGTCGAAAGTTGTAATGCAGGTCAAGGTAGGCAATGAAGT
GCGACTGGAACAGGACCTAATAAAAAGATAGCCAAGAAAATGCTGCAGAAGCTATGCTGTTACAGCTCG
GCTATAAAGCGTCCACTAGTCTTCAGGATCAGCTCGACAAGACCCGGGAAAACAAAGGATGGAGTGGTCC
AAAGCCTGGATTTCCGGAACCAGCGAATAACACTCCAAAAGGAATCTTCATCTTTCTCCTGATGTTTAT
CAAGAGATGGAAGCCAGCCGCCACAGAGTGACCTCTGGCACAACCTTAGGCTACTTATCACCCAAAGATA
TGAACCAACCTTCAAGCTCCTTCTCAGTGTAGAGTCTCCCTCACCGACTAGTTCAGCCCGAGTCCAG
GGAACCTCTAATGAATGGAACATCTCCTGCTGCTGAAGCCATAGGTTTAAAAGGAAGTTCCTACTCCC
CCTTGTCTTTCAGTACAGCCTTCAAACAACCTGGAATATTTAGCAAGGATTCAAGGCTTTCAGGCAGCCT
TAAGTGCCTTGAACAGTTTTCTGAACAAGGACTGGAATCAATTGATGGGGTGGTGAATGTTGAAAACGG
CTTTCTTGAAAAACAAGCCAAGCATCTGCGGGAGAAAGCGGACAATAACCAGGCAAAACCCAGGCTCCATC
ACTCAGGACTGCAAGAAATCAAAGTCGGTCATC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001007149

Insert Size: 1716 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_001007149.1](#), [NP_001007150.1](#)

RefSeq Size: 2481 bp

RefSeq ORF: 1716 bp

Locus ID: 171500

UniProt ID: [Q68SB1](#)

Cytogenetics: 5q11

Gene Summary: binds RNA; plays a role in targeting mRNA to neuronal dendrites [RGD, Feb 2006]