

Product datasheet for **MC218295**

Stau2 (BC025118) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stau2 (BC025118) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stau2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC025118
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCAGATAAATCAGATGTTTTCGGTGCAGCTGAGTCTTGGCGAGCAGACATGGGAATCCGAAGGGA
 GCAGTATAAAGAAGGCCCAACAAGCTGTTGCTAACAAAGCTTTGACTGAATCTACGTTCCCAAACCACT
 TCAGAAACCACCTAAAAGTAATGTCAATAATAACCCAGGTAGTATAACTCCAACCTGTGGAACCTGAATGGG
 CTCGCTATGAAAAGGGGAGAGCCTGCCATCTACAGGCCACTAGATCCAAAGCCATTCCCAAATTATAGAG
 CTAACTACAACCTCCGGGGCATGTACAATCAGAGGTATCATTGCCCAATGCCAAGATCTTTTATGTTCA
 GTTAACTGTAGGAAATAATGAATCTTTGGTGAAGGGAAGACTCGACAAGCTGCCAGACACAATGCTGCG
 ATGAAAGCGCTTCAAGCCCTACAGAATGAGCCAATCCAGAAAAGTCTCCCAGAATGGTGAATCAGGAA
 AAGAAATGGATGACGATAAAGATGCAAAATAATCTGAAAATAAGCTTAGTGTGGAGATTGCGCTGAAGAG
 AAATATGCCTGTCAGTTTTGAGGTTATTAAGAAAGTGGACCACCACATATGAAGAGTTTTGTAACCTCGG
 GTGTCAGTGGGAGAAATTTCTGCAGAAGGAGAGGAAATAGCAAAAACTCTCCAAGAAGCGTGCCGCAA
 CCACTGTCTTACAGGAGCTTAAAAAATCCACCTCTTCTGTGGTAGAGAAGCCAAAACCTATTTTTTAA
 AAAACGCCCTAAAACAATAGTAAAGGCTGGACCCGACTATGGTCAAGGAATGAACCCATTAGCCGCGCTG
 GCTCAGATCCAGCAAGCCAGAAAGGAAAAGGAGCCTGATTACATCTACTCTCAGAACGAGGAATGCCTC
 GCCGTCGAGAGTTCGTAATGCAGGTCAAGGTAGGCAATGAAGTTGCGACTGGAACAGGACCCAATAAAAA
 GATAGCCAAAAAAATGCTGTGAAGCAATGCTGTTACAGCTTGCTATAAAGCGTCCACCAAGTCTTCAG
 GATCCGCTCGACAAGACAGGTGAAAACAAGGATGGAGTGGTCCAAGCCCTGGGTTTCTGAACCAACAA
 ATAACTCCAAAAGGAATTCTTCATCTTCTCCTGATGTTTATCAAGAGATGGAAGCTAGCCGCCACAG
 AGTGACCTCTGGCACAACCTCTAAGCTACTTATCTCCCAAAGATATGAACCAACCTTCAAGCTCTTTCTTC
 AGTGTGCTCCCTCATCAACTAGTTCAGCCACAGTTGCCAGGAACTCCTTATGAATGGAACATCTCCTA
 CTGCTGAAGCCATAGTTTTAAAAGGAAGTTCTCTACTTCCCCTGTTCTTCAGTACAGCCTTCAAAAACA
 ACTGGAATATTTAGCAAGGATTCAAGGCTTTCAGGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC025118

Insert Size: 1440 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: [BC025118](#), [AAH25118](#)

RefSeq Size: 1606 bp

RefSeq ORF: 1439 bp

Locus ID: 29819

Cytogenetics: 1 A3

Gene Summary: RNA-binding protein required for the microtubule-dependent transport of neuronal RNA from the cell body to the dendrite. As protein synthesis occurs within the dendrite, the localization of specific mRNAs to dendrites may be a prerequisite for neurite outgrowth and plasticity at sites distant from the cell body (By similarity).[UniProtKB/Swiss-Prot Function]