

Product datasheet for **MG207800**

Stau1 (NM_011490) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stau1 (NM_011490) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Stau1
Synonyms:	5830401L18Rik; AW549911; C85792; Stau
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207800 representing NM_011490
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTATAAGCCGTGACCCCTCACTCTCGGATGCAGTCCACCTACAGCTATGGCATGCGTGGAGGTGCCT
 ATCCCCCAGATACTTTTACCCATTTCCAGTCCCACCTTTACTCTACCAAGTTGAGCTCTCCGTGGGCGG
 ACAGCAGTTTAAATGGGAAAGGAAAGATGAGACCACCCGTGAAACACGATGCCCTGCCCGTGCCTGAGG
 ACTCTGCAGAGTGAACCCCTGCCAGAAAGTTGGAGGTAATGGAAGAGAAGCAGAGGAAGAAAACCTCA
 ATAAATCGGAAATAAGCCAAGTGTTTGAAATTGCGCTGAAGCGGAATTTGCCTGTGAATTTGAGGTGCC
 CCGGGAGAGTGGCCACCACACATGAAGAACTTTGTGACCAGGTTTCAGTTGGGGAATTTGAGGGGAA
 GGAGAAGGAAAAGCAAGAAGATCTCCAAGAAGAAATGCGGCCAGGGCTGTCTGGAGCAGCTTAGGAGGC
 TGCCACCCCTCCCTGCTGTGGAGCGAGTGAAGCCAGAATCAAGAAGAAAAGTCAGCCCACCTGCAAGCT
 ACAGACAGCCCCGATTATGGCCAAGGGATGAATCCTATTAGTAGACTTGCACAGATCCAGCAGGCAAAA
 AAGGAGAAGGAGCCAGAGTACATGCTCCTTACAGAACGAGGTCTCCACGTGCGCAGGGAGTTTGTGATGC
 AGGTAAAGGTTGGGCATCACACTGCAGAAGGAGTGGGTACCAATAAGAAGGTGGCCAAGCGTAATGCTGC
 TGAGAACATGCTGGAGATCCTGGGGTCAAAGTTCACAGGCGCAGCCTGCCAAGCCAGCACTCAAATCA
 GAAGAGAAGACTCCAGTAAAGAAACCAGGAGACGGAAGGAAAAGTAACGTTTTTTGAACCTAGCCCTGGG
 ATGAAAATGGAAGTAGTAAACAGGACGAGGAGTTCAGGATGCCTTATCTTAGCCATCAGCAGCTGCCAGC
 TGAATTTCTCCCATGGTCCCGAAGTTGCCAGGCTGTGGGGTTAGTCAAGGACACCACCAAAAGAT
 TTCACAGGGCAGCTCCAAATCTGCCAAGGCAACGGTAACTGCCATGATAGCCGAGAGTTGTTGTACG
 GGGCACCTCGCCACAGCCGAGACCATTTTAAAGAGTAACATCTCTTCAGGCCAGTACCCCATGGAGC
 TCGCACTAGACCCTCTGAGCAACTGTACTACCTTTCCAGAGCCAGGGATTCCAGGTTGAATACAAAGAT
 TTTCCCAAGAACAACAAGACGAGTGTGTATCTCTCATCAACTGCTCCTCACAGCCGCTCTCGTCAGTC
 ATGGCATCGCAAGGATGTGGAGTCTGTATGATATGGCTGCACTGAACATTTTAAAGCTGCTGTCTGA
 GTTGGACCAACAGAGCACAGAGATGCCAAGAACAGGAAATGGACCAGTTTCAGCGTGCAGGAGGTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207800 representing NM_011490
 Red=Cloning site Green=Tags(s)

MYKPVDPHSRMQSTYSYGMRRGAYPPRYFYPFPVPLLYQVELSVGGQQFNGKGMKRPVKHDAPARALR
 TLQSEPLPERLEVNGREAEENLNKSEISQVFEIALKRNLVNFVARESGPPHMKNFVTRVSVGEFVGE
 GEGKSKKISKKNAARAVLEQLRRLPPLPAVERVKPRIKKKSQPTCKLQTAPDYQGGMNPI SRLAQIQQAK
 KEKEPEYMLLTERGLPRRREFVMQVKVGHHTAEGVGTNKKVAKRNAENMLEILGFKVPQAQPAKPAKLS
 EEKTPVKKPGDGRKVTFEPSPGDENGTSNKDEEFRMPYLSHQQLPAGILPMVPEVAQAVGVSQGHHTKD
 FTAAAPNPAKATVTAMIARELLYGGTSPTAETILKSNISSGHVPHGPRTRPSEQLYYL SRAQGFQVEYKD
 FPKNNKNECVSLINCSQPPLVSHGIGKDVESCHDMAALNILKLLSELDQQSTEMPRTGNPVSACGRC

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

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_011490.2](#)

RefSeq Size: 2860 bp

RefSeq ORF: 1464 bp

Locus ID: 20853

UniProt ID: [Q9Z108](#)

Cytogenetics: 2 H3

Gene Summary: 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]