

Product datasheet for RN203289

St18 (NM_153310) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St18 (NM_153310) Rat Untagged Clone
Tag:	Tag Free
Symbol:	St18
Synonyms:	Nzf3; r-MyT3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203289 representing NM_153310 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGCAGAGGTTGAAGATAAAGCGTTGCATACTCTCTCAAAGGAACCGAAGTTCCAATGGATTCTC
TGATCCCAGAGCTCAGGGTTGCATATGATTGCTCTATGGCGAAGAAGAGGAGAGCTGAAGAGCAGGCATT
GGGAGTGCCAGTTAACAAGAGGAAATCTCTGTTAATGAAACCCCGGCACTACAGCCAGACATGGACTGC
AAGGAAAACCCAGACAACAGGAATGAGGATGATGGCCTAGAAACGAATGACCACTCCACTGCAGATGAAA
TCGTGGTAAAACCCATGGATAAGACTCTTCATTTACCTGCACAAGAAAGCTCACTCCCAAGGAAGACCA
ATACGCGTGTTATCCAGAGCTCATGGTCAAATCTCTGATGCATTTAGGTAATTTGAAGAAAGTGAGTCT
GTGCAGACCGTAGGTGAGAACTTAAATGGCAACGGCATCCAGTCTCTAAAAGCAGAGTGTGATGAAGCAA
ATGAATGCTTTATGGTTCATTCTGATGATGGAAGAGACAAAGTCCACCATTCCCAGCCACCTTTCTGCTC
TTCCGGTGACAGTGAGAGTGACTCTGACAATACAGAGAATGGGTGGGGCAGTGGCTCCAACCTCTTCAGAA
GACACTGACACTCACAAAGGCCCAAACGCAAGCTGACATACAATAGAAAGGACCTGCTGGAAGTCCCTG
AGATAAAGCAGAAGATGACAAGTTTATCCCTTGCAGAACAGGTGTGATTCTGACACCAGTGGGAGAGA
CCCACAGAACTCTCACATGGAACCTTGGCTGTGAAAGTCCAGCCTTCCCTCCAGAGGTTGAAGAGAGT
GAGAGCCTGGCCACAGTAAATAGCGGAGTCTGCTGAGGTGGAGAAAGCGAAGGGGACCTGAGTTTGTCTGG
AACAGGCTATTGCCCTACAGGCTGAACGGGGTTCCGCTTCCATCACACCTACAAGAGCTGGACCGATT
TCTCCTGGACCACCTGGCAAGGCAACGGAGGCAACCCAAGGTTACTGATGCCAGTGGAAGGCAAATCTTT
AATAATAAACATTACCAAGGCCTGAAAGGAGGGAGGCTAAGTGCCCCATTCTGGCTGTGACGGCACAG
GGCACGTAACGGGGCTTACCCCAACCCAGCCTTTCTGGGTGCCCCACAAGTGCAGATTCCTCT
GGAAATCTTGCCATGCATGAGAACGTAAGTGTCCACCCAGGATGCACAGGAAGGGGACATGTG
AACAGCAATCGCAACTCACAGAAGTCTTTCTGGTTGTCCAATTGCTGCAGTGAAAAGTTGGCAATGA
CCCAGGACAAAAGTCAACTTGATTCTTCCAGACTGGGAGGGTCTGAGCAGGCTCACAGGTTGAAATTT
AGTGAAGCAAATTTAATTAACCTCCGCTCACAAAGCCATCACCTCTCCAAGGCCTCTGCATCAAAGAA



CAAGAGAAGTTTGGCAAAGTACCATTTGATTATGCCAGTTTTGATGCACAAGTATTTGGTAAACGTCCGC
 TCCTACAAACAGGACAAGGACAAAAGGCACCACATTTCTGAATCAAAGCATTTTTCAAATCCAGTGAA
 ATTTTCTAATGGGCTGCCTAGTGTGCGGCCACACACAGAGCACAGTCCGTGCCAGCTCTTATGGCCAT
 GGTCAGTACAGTGAAGACACCCACATAGCAGCAGCTGTGCTATCCTGAACCTTTCCACCCGCTGCAGGG
 AAGCCACAGACATCCTCTCCAACAACCGCAAAGCCTGCGTGCCAAGGGAGCTGAGATAGAAGTGGATGA
 AAACGGCAGCTGGACTTAAGCATGAAAAACATCGAATCCTCGACAAGTCTATACCCCGACTTCTCTCA
 CACACTACAATTGCAACCCCATCCTCATCCCCATTCAAAGCAAGCAGCCTTCTGGTCAATGCTGCCTTCT
 ATCAGGCTCTCTGTGACCAAGAAGGCTGGAATGTGCCTATCAACTATAGCAAATCCCACGGGAAGACAGA
 GGAGGAGAAAAGAGAAAGACCCTGTGAACTCCCTAGAAAATTTAGAGGAAAAAAGTTTGTGGAGAGGCC
 TCTATTCCAAGTCCAAGGCCAAGCTCCACACACGAGATCTCAAGAAAGAATTAATCACCTGCCCCACGC
 CAGGGTGTGATGGAAGCGGCCATGTCACAGGCAACTATGCATCTACCGCAGTGTCTCTGGATGCTCTCT
 AGCAGATAAGACTCTGAAGTCCCTCATGGCTGCCAAGTCTCAAGAGCTTAAGTGTCAACCCCGGGTTGT
 GATGGTTCTGGTCACGTGACTGGAACTATGCCTCCCATAAGAAGCTTGTCTGGTTGCCCTCGTCAAGGA
 AAGGTGGCATCAAATGACCCCAACAAGGAAGAAAAAGAAGACTCTGAGCTTAGATGCTCTGTAATAGG
 ATGTGACGGCCAAGGTACATATCAGGTAATACACATCACACCGCACAGCTTCTGGCTGCTCTGGCT
 GCCAAGAGACAGAAGGAGAATCCCTCAATGGGACCCCTCTCATGGAAGTGAACAAGCAAGAAGTTC
 CCCACTGTCTTTGCCAGGATGCAATGGTCTGGGTCTGTAAACAACGTTTTTGTCAACCCACAGGAGCTT
 ATCCGGATGCCCTCTTAATGCACAAGCTATCAAAAAAGTCAAGGTCTCTGAGGAACTAATGACCATCAAG
 CTCAAAGCAACTGGGGTATTGAGGGTATGAAGAAATTAGGCATCTGGATGAAGAAATAAAGGAACTGA
 ATGAATCCAACCTTAAATTAAGCAGATATGATGAACTTCAAGCCAGATAACATCTATGGAGAGCAA
 CTTGAAGACCATAGAGGAGGAGAACAAGCTTATAGAGCAGAGCAACGAGAGTCTACTGAAGGAGCTGGCA
 GGGCTTAGCCAGGCTCTCATCTCCAGTCTTGTGACATCCAGCTTCCACAGATGGGTCTATCAATGAGC
 AGAATTTGAAGCATATGTAATACTCTCACAGACATGTACAGCAATCTGGAACGGGACTATCCCAGAG
 ATGCAAAGCTCTACTGGAAGCATCAAGCAGGCAGTGAAGGTATCCATGTGTAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_153310

Insert Size:

3135 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_153310.2](#), [NP_695222.2](#)

RefSeq Size:

3982 bp

RefSeq ORF: 3135 bp

Locus ID: 266680

UniProt ID: [Q9QX27](#)

Cytogenetics: 5q12

Gene Summary: may play a role in transcriptional regulation of neural development [RGD, Feb 2006]