

Product datasheet for **RN217239**

Stt3b (NM_001170539) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stt3b (NM_001170539) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stt3b
Synonyms:	RGD1311563
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217239 representing NM_001170539
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGCGGAGCCCTCGGCCCGGAGAGCAAGCACAAAGTCGTCTCTCAACTCGTCCCGTGGAGCGGCCTCA
TGGCTCTGGGGAACAGCCGCCACGGGCACCACGGGCCCGAGCCAGAGCGCTTCCAGGGCGGCGCGGC
GCCGAAGCCGGGCCCCCGCGGGGCTGTCCGGGGCTTGTGCGAGCCGGCCGGGTGGCAGTCTTTGCTC
TCCTTCACCATCCTCTTCTGGCCTGGCTGGCCGGCTCAGCTCGCGCCTCTTCGCCGTCATCCGCTTCG
AGAGCATCATCCAGAGTTCGACCCGTGGTTAACTATAGATCAACTCATCATCTTGCATCTCATGGGT
CTATGAGTCTTAAATTGGTTTGTGAAAGAGCATGGTACCCACTAGGAAGAATCGTGGGTGGCACCCTT
TACCCAGGATTGATGATAACAGCTGGCCTTATTCATTGGATTTTAAATACATTGAACATAACAGTTCACA
TCAGAGATGTATGTGTTCCTTGCACCAACTTTAGCGGCCTTACATCTATATCTACGTTCTGCTAAC
TAGAGAACTTTGGAACCAGGGAGCAGGGCTCTTAGCTGCCTGCTTATTGCTATTGTACCCGGGTACATA
TCTCGGTCCGTAGCGGGATCCTTTGATAACGAAGGCATTGCGATTTTCGCACTTCACTTCACTACTACT
TATGGGTGAAGTCTGTGAAAACCGGTCTGTGTTTGGACAATGTGCTGCTGCTTGTCTGATTTTCTACAT
GGTCTCTGCGTGGGGAGGTTATGTGTTTCATCATCAACCTCATCCCTCTCCATGTGTTTGTGCTGCTCCTG
ATGCAGAGGTACAGCAAGAGAGTCTACATAGCATATAGCACTTTCTACATTGGGGTTTAAATATTATCCA
TGCAGATACCTTTTGGGGATCCAGCCAATCAGGACAAGCGAGCACATGGCAGCTGCAGGTGCTTTTGC
GCTGCTGCAGGCTTATGCGTTTCTGCAGTATCTGAGAGACCGGTTGACAAAGCAGGAGTTCAGACCCTT
TTCTTTTGGGTGTCTCACTAGCTGCAGGCGCTGTTCCTTAGTGTCTATCTGACATACACAGGTT
ACATTGCACCATGGAGTGGCAGGTTTTATTCAATATGGGATACTGGGTATGCAAAAAATACACATTTCAAT
TATTGCATCAGTGTCTGAACATCAGCCTACGACATGGGTGCTTTCTTCTTTGATCTACATATTCTTGTG
TGTACCTCCAGCAGGCTATGTTCTGCATCAAAAAATCAACGATGAAAGAGTATTTGTTGCTCTGT
ATGCGATCAGTGTCTACTTTGCTGGAGTAATGGTACGGCTGATGCTGACTCTGACCCAGTCGCTCTG
CATGCTGTCTGCAATTGCCTTCTCCAGTGTTTTGGAGCACTTTTGGGGATGACATGAAAAGGGAAAAAC
CCACCTGTGGAGGACAGCAGTGCAGGATGACAGAAGAAGCCAGGAACTTGTATGACAAGGCAGGGA
AAGTGAGAAAGCATGTGACGGAGCAGGAGAAGCCGGAGGAGGGCTTGGGCCCAACATCAAGAGCATCGT
GACCATGCTCATGCTCATGCTCCTCATGATGTTGCTGTGCACTGCACCTGGGTACCAGCAATGCCTAC
TCCAGCCCAGTGTGGTCTCGCCTCCTACAATCATGATGGAACCAGAAATATCTTAGATGATTTTAGAG
AAGCATACTTTTGGTTGAGACAAAACACGGATGAACACGCCAGGGTCATGCTGCTGGTGGGACTATGGCTA
TCAGATTGCTGGGATGGCCAACAGGACTACTCTGGTAGACAATAACACCTGGAACAACAGCCACATTGCA
CTGGTAGGAAAAGCTATGTCTTCTAATGAAACAGCCGCCTATAAAATCATGAGGTCTCTTACGTTGATT
ATGTGTTGGTCATTTTGGAGGAGTTATTGGCTATTCTGGTGATGATATCAACAAGTTCCTCTGGATGGT
CAGGATAGCTGAAGGGGAGCACCCAAAAGACATTCGGGAAGGCGACTACTTACCAGCAGGGAGAGTTC
CGAGTGGACAGAGCCGGTCTCCTACTCTGTTAAATTGCCTTATGTATAAAATGCATACTACAGATTTG
GAGAAATGCAGCTAGATTTTGCACACCCCGGTTTTGACCGAACACGTAATGCTGAGATCGGAAATAA
GGACATTAATTAAGCATTTGGAGGAAGCCTTACATCAGAGCACTGGCTTGTGAGGATATATAAAGTG
AAAGCACCCGACAACAGGGAGACATTAGGTCACAAGCCTCGAGTACCAACATCTTCCCAACAGAAAGT
ATTTGTCAAAGAAGACTACTAAAAGGAAGCGTGGCTACGTTAAAAATAAGCTAGTTTTTAAGAAAGGCAA
GAAAATGTCTAAGAAGACTGTTAA

ACGGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001170539
Insert Size: 2475 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001170539.1, NP_001164010.1</u>
RefSeq Size:	2724 bp
RefSeq ORF:	2475 bp
Locus ID:	363160
Cytogenetics:	8q32