

Product datasheet for **RN210594**

St14 (NM_053635) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St14 (NM_053635) Rat Untagged Clone
Tag:	Tag Free
Symbol:	St14
Synonyms:	MT-SP1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210594 representing NM_053635
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGAACAATCGGGCCGCAAGGCCGAGGGGGCTCGCAGGACTTCGGCGCCGACTCAAGTACAAC
 CCCGGCTAGAGAACATGAATGGCTTTGAGGAGGGTGTGGAGTTCTGCCTGTGAACAACGCCAAGCAGGT
 GGAGAAGCGAGGCCCCAGGCGCTGGTGGTGTGGTGGCCGTAGTGTTCAGCTTCTTTTCTCTCGCTC
 ATGGCCGGCTTCTGGTGTGGCACTTCCATTACCGGAATGTGAGGATCCAAAAGGTCTTCAATGGCCATC
 TGAGGATCACGAATGAGAACTTCTGGACGCGTATGAGAACTCCACCTCCACGGAGTTTCATCAGCCTGGC
 CAGTCAGGTGAAGGAAGCGCTGAAGCTGATGTACAGTGAAGTCCCTGTCTGGGCCCTACCACAAGAAA
 TCGACTGTAAGTGCCTCAGTGAGGGCAGCGTCATTGCCTACTACTGGTCAGAGTTCAGCATCCCCCAC
 ACCTGGAGGAAGAGGTTGATCGCGCCATGGCTGTGGAGCGAGTTGTCACACTGCCACCCCGAGCAGGGC
 ACTGAAATCCTTCGTGCTGACCTCTGTGGTGGCCTTCCCATTGACCCAGAATGCTCCAGAGGACTCAG
 GACAACAGCTGCAGTTTTGCCCTCCATGCCCGTGGCAGGACAGTGACACGTTTACTACCCCTGGCTTCC
 CTAACAGTCCCTACCCAGCTCATGCCCGCTGCCAGTGGGTCTGCGGGGGGACCGGACTCTGTGCTGAG
 CCTCACCTTCCGAAGTTTTGATGTCGCGCCCTGTGATGGGCATGACAGTGACCTGGTACAGTGTATGAC
 AGCCTGAGCCCCATGGAGCCCCATGCTGTGGTGGCGCTGTGTGGCACCTTCTCGCCCTCTACAACCTGA
 CTTTCTCTCTCCCAGAAGCTTCTCTTGTACGCTGATAACCAACTGACCGGGCAGCATCTGGCTT
 TGAGGCCACTTCTTCCAGCTGCCAAGATGAGCAGCTGTGGCGGCCCTTTGAGTGAAGCCCAAGGGACG
 TTTAGCAGCCCCACTATCCAGGCCATTACCCGCCAACATCACTGCACATGGAATATCAAGGTGCCCA
 ACAACCGAAGCTGAAAGTACGCTTCAAACCTTCTATCTGGTGGACCCCAACATACCAGTGGGAAGCT
 ACCAAGGACTATGTGGAGATCAACGGGGAGAAGTTCTGCGGTGAGAGGTCCAGTTTGTGGTGAAGCAGC
 AACAGCAGCAAGATTACGGTCCACTTCCATTCTGATCACTCGTACACGGACACCGGGTCTGGCTGAGT
 ATCTCTCTACGACTCCAATGACCCATGCCAGGGATGTTTATGTGTAAGACTGGACGGTGCATCCGCAA
 GGACTTGGCTGCGATGGCTGGGCTGACTGCCCGGACTACAGTGTGAGCGTCACTGCCGATGCAACGCT
 ACCCACCAGTTTATGTGCAAGAACCAGTTCTGCAAGCCCTCTTCTGGTCTGTGACAGTGTCAACGACT
 GTGGGGATGGCAGCGATGAGGAGGGCTGCAGTTGTCTGCCGGGAGTTTCAAGTGTCCAATGGGAAGTG
 TCTCCCTCAGAGCCAGCAGTGTAAATGGGAAGGACGACTGTGGAGATGGGTCTGACGAGGCCTCATGTGAC
 AATGTGAATGCCGTCTTTCACCAAATATACCTACCGCTGCCAAAATGGCTCTGTCTGAACAAGGGCA
 ACCCTGAGTGTGATGGGAAGAAGGACTGCAGCGATGGCTCGGATGAGAAAAACTGTGACTGTGGGCTGCC
 ATCCTTTACCAAACAGGCTCGAGTGGTGGTGGCACAATGCGGACGAGGGCGAGTGGCCCTGGCAGGTG
 AGCCTCCACGCTCTGGGCCAGGGCCACTTGTGTGGGCCTCGCTCATCTCTCTGACTGGCTGGTCTCTG
 CAGTCAATTGCTTTCAGGATGAGACAATTTTCAAGTACTCAGACCACACCATGTGGACAGCCTTCTCGG
 TCTGCTGGACCAGAGCAAGCGCAGTGCCTTGGGGTACAGGAGCACAAGTCAAACGTATCATCACTCAC
 CCTTCTTTAATGACTTACCTTCGACTATGACATTGCCTTGTGGAGCTGGAGAAGCCGGCAGAGTACA
 GCACTGTGTCGCGCCCATCTGCCTGCCTGATAATACCCATGTCTTCTGCGGCAAAGCCATCTGGGT
 CACAGGCTGGGGCCACACGAAAGAAGGAGGAAGTGGAGCACTGATCCTGCAGAAGGGAGAGATCCGGGTC
 ATCAACCAGACCCTGTGAGGAAGTCTTGCAGCAGATCACCCACGAATGATGTGTGGGTTTCC
 TCAAGTGGGGTGTGGACTCCTGCCAGGGTATTCCGGTGGCCCTTGTCCAGTGTGGAGAAGATGGGCG
 AATCTTCCAGGCTGGTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 AGGATCCCTGAAGTTCGGGACTGGATCAAAGAGCAAACCTGGGGT**AG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_053635
Insert Size: 2568 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:	<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:	NM_053635.2 , NP_446087.1
RefSeq Size:	3174 bp
RefSeq ORF:	2568 bp
Locus ID:	114093
Cytogenetics:	8q13
Gene Summary:	regulates the cell-substratum adhesion by controlling the intestinal epithelial turnover [RGD, Feb 2006]