

Product datasheet for **RN200825**

Sh3tc1 (NM_001107226) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3tc1 (NM_001107226) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sh3tc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200825 representing NM_001107226 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGAGCTTCAGGGAGGAGGAGGCGACTTCTGAGGATCTGTCCACCATGGGGCAGGGCCCTGAGGAGC
CTCCAGGAGGCTGTAGCCTGGAAGACAAGATCCAGAGTATATCCATGGGCTTACCTACTAGTCAGGAGAG
AACAGGGCCTGAGGAGGCTGAGGCAACAACAGTCAGAGGTGACGTTGCTCCTCCCTGTGGCATGGTTGGG
CAAGCTGCTGAACCCCTTCCAATCAAATGGCAGTGTATCCGACAGACCTCACCTGCAATTGTTGGCTG
TGAGGCGGAAGAGTGGACTGCGGAGCCCCAGCCTACAGCAGACCTGAGAAGCCGACTCCGCTGCTGGA
GAATGACAGCCGGGAAGTGGCCCGAGTACTTGGAGAACTGTGAGCAGGCTGCTGTCCATCCACAGTGAC
CAGGACCGGATCGTGGTGACGTTTAAGACTTTTGAAGAAATCTGGAAGTTTCCACCTATCATGCTCTTG
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CAAGAAGGTCCTTCTTCGTTCTGTGTCCCGACCACTGTGTGAGGAGGACAAAGGAACCCCAAGGTGCAG
GGAAGGGCCCCCAGACCCTCAGACGGGCTTCCGGGTCCTCTGGGAGTACCAGTTGTGGAACAGTCTC
CTCATCCCCACACCCAGCATGTCCTCCAAAGCAGAAGCAGTAGAGGCTGAGCCAGAGCCCTTGACTCCA
TTTCACCACTGGACTCTCAGGCTCCATGGGATCCATCGATGAATCCATGAGTGGACCTGGGACGCTG
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CAGCATATGGCCTCTGGCCAGGTGGGCTTTGTGAGGACTGGCCTTGTCCGCATGCAGGGCCCGGCATCTG
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TGATGATGAAGAAGAGTTGGCTGAACGCTTGGCACAGGCCCGAGGAGTTGCCAAGAAAGTCGATTTGGGC
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 CAAGACCGCTGACAAGGTGCTGGAGGGGAGCTCCTGGAGGCCATCAGTCAGCTCTACCTGTGCTGGGC
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 CTGTTTGAAGCAGCTGGGGACATCTTCTCAATGGGACCTGGGAGCGGGAGAAAGCTGTGCTCTTACC
 GGGACCGGGCACTGCCCTGGCTGTGACTGTAGGAGACCAAGAAGTGGAGCTGCGCTGTGCAACAAGCT
 GGTGGCCCTGCTGTGCACTGGAGGCACCCAGGAGGGCTAGAGTTCGCCATGAGGCCCTAGCACTC
 AGCATCACCTAGGTGACCGCTGAATGAGCGAGTGGCCTACCACAGGCTAGCCACCCTGCACCACCGGC
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 TGATGAGGAGACCCTGTACTATGTGAAGTCTACCTGGTACTGGGTGACATCATCTTCTATGAGCTGAAG
 GACCCCTTCGATGCAGCTGGGTATTACAGCTGGCTCTGGCAGCAGCCGTGGACCTGGGGCCACAAGAAGG
 CTCAGTTGAAGATCTATACAGCCTGGCTACCATCTACCACAACCTTCTCATGGACCGAGAAATGTCCTT
 CTTCTTCTACAAAAAGCAAGGACCTTTGCCTCAGAACTGAATCTCCGCAGGACCAACCTGGTACCCAG
 CACTTCTGTAGCCGGGACCCCTGGTTGGCCCTGGCTACCCATCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001107226
Insert Size:	4038 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_001107226.1](#), [NP_001100696.1](#)

RefSeq Size: 4220 bp

RefSeq ORF: 4038 bp

Locus ID: 305441

Cytogenetics: 14q21