

Product datasheet for MC224297

Sh3tc1 (NM_194344) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3tc1 (NM_194344) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sh3tc1
Synonyms:	4631428G15; BC024909
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224297 representing NM_194344 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAGGAGCTTCAGGGAGGAGGAGGAGGAGGCGACTTCTGAGGAGCTGTTACCATGGGGCGGGCCCTG
AGGAGCCTCGGGGAAGCTGTAGCCCTGAAGACCAGATTCAGAGTGTATCCATGGGCTTGCCCACTGGCCA
GGAGAGAACAGGGTCTGCGGAGGCTGAGGCAACAGTGAGAGGTGATGTGGCTCCTCCCGCATCGTGGTC
GGGCTGGCTGCTGAACCCCTCCAGTCAAATGACAGTGTATCCAACAGACCTGACCCTGCAACTGTTGG
CTGTGAGGCGGAAGAGTGGACTGCGGAGCCCCAGCCTGCAGCAGGCCCTGCGCAGCCGGCTCCGCCTGCT
GGAGAACGATAGCCGGGAAGTGGCCCGTGTGCTTGGAGAACTGTCAGCCAGGCTGCTGTCTATCCACAGT
GACCAGGACCGGATCGTGGTGACATTTAAGACTTTTGAAGAAATCTGGAAGTTTTCTACCTATCATGCTC
TTGGCTTCACACACCACTGCCTGGAGAACCTGCTGGTAGACCAGACCTTCTGGCTGCTTTCCCCAGTGA
GGAGGAGGAGACTGCCATCCTCATGTATGTAAACAAGGATGCCTTGAAGCAGACACACAAGAACCTCCTC
ACACAGGAAGGGTCCATCTTTGTTCTGTGCTGACCACCGAGTAAGAAGGACGATAGGACCCAAAGGTG
CAGGGAAGGGTCCCCAGACCTCAGACGGGCTTCGGGAGTCCCTCTGGGAGTGGCAATCCTGGAACAGA
CTCCTCATCACCCACACCAACATGTCTCCAATGTGGAAGCAGCAGAGGCCGAACCAGAGCCCTTGACT
CCATTTACCACTGGACTCTCAGGGTCCCATGGGATCCCATCGATGAATCCATGAGTGGACCTGGGACAC
CTGATGCCAGCTCATGAGGTTTGGCCTGGCCTCTGCGATAGCTGACTTCCAGGGCTCAGGCCCCGAAGA
GATGTCCTTCAGCGTTGGTGATGTCATCGAGATCCTCGGTGCCAGGTGCCTGGCCTGCCCTGGTGTGTG
GGCCGGCACATGGCCTCTGGCCAGGTGGGCTTTGTGAGGACTGGCCTCGTCAGCATGCAGGGCCCGCAT
CTGACCTGGAAAGTGCCATTTTCTCAGTGAGGAAGAAAGGTCATTCTTCAGAAGTGAGGGCCACTTCTC
AGACGAAGATGCCCGCGGCTCCTGAGCAGGACATCTGGCAGAGATGTGTGCACCATGCAGCCTGGAC
TGGTTAGAAGAAGCTGAGGGCGAACAGCTGGAGCAACGAGAAATGTCTCTGCCTCACCTGAACCCAGAAC
CACATGGGACTCTGCAGATGGTAAAGAACATTTTAGAAAAGTGAAGGCCTGCCCTGACCACCCGAAGC
CCCGGTGTCCTGGAGCCTTGGAGGGGTGCCAGAAGAGCGAGTTCAGTGGACCTTGAGGAGCCCCGCTTC



[View online »](#)

TGCTGGATCCTGAGGATGACTGGACAGACCCCGAGCCTCTGGACTCACTGCTGCAGGTCTGAATGCC
 CTGTTATGGGGCCACTTCCGAGCCTGTACGATATCTCACTTCCCTGGCTGAGCACCGCACTCTATGG
 CTTTGATGATGAAGAAGAGCTGGCTGAACGATTGGCACAGGCCGAGGAGTTGCCAAGAAAGTCGACTTG
 AGCATGGCCCTGGCAAGGCTCTGCCTCTGCTGGGGCTGTGTGTGCCCGAAAGCTCAAATATCCCAGG
 CCCGGGTGTAATTTGAAGAGGCACTGGGAGCTCTGGAGGGGAGTTTGGGGACCTCTCCCTGGTGGCGGC
 AGTGTATAGCAGCCTGACTACTGTGTACCTAAAGCAGAAGAACGCAGAGAAGTGTGTGCAGGTGGCACCC
 AAAGCAGCGGCACTGCTCTGGGGACACCCGGCCACTCCTGCAACGCAGATGCGGAGCTGCTGAAGTATG
 CGCTGCGCAGGGTCATCTGTGGCCTCAGCCACAGGCCGAGGCCCGGGCCTGCTTCTGCTGGCCAGGCA
 CTACACCCACCTCAAACAGCCTGAGGAGGCCCTGCCATACCTGGAGAGACTGCTTCGCTCAACAGGGAT
 GCAGGGAGCCACAGGCCTCATGGCCTGAAGACTGTTACCTGCTTCTGGCTGACATTTATGGCCGAAAT
 GCCTGCCCCATCTGGCGTTGAGCTGCCTCAGAGTGTCTCACTGTGGACAAGGTGCTCTCTGCCTGGCTC
 CTTGAGGAGTGTGGACCTGGTACTCCAGAATGTTCTGGGCCAAACAGCCAAAGGAGGGCAGGTCTAGC
 CTTCCCTCCCAGATTGCTTACTACCTCAGACAGGCATTGGCCTCTCTGGCTCTGGCACAGGACAGGCAC
 TGGCTGGGCCGCTCTATGCCAGCCTGGCTCAACTGTACAGTACCACCAGCAGTACAGCCAGGCCATTGC
 CTTTATGTCTCAGGCTGCAGAAGCTGACTGCAGCTGGGGTCCACCCTGTCGTGGACCGCTTGGTGGCC
 CTCGCTGGTTGCACATGCTTTGTGGGAACAGCTTAGTAGCCATGGACATCCTGAAGTGATCTCAGATG
 CAGCCGTGGCCAATAAGGACCAGGAGTGTGTTATGATGAACATGGTGGCCATGGCCCTGAAGAGGATGGG
 CAGGACCCGACAGGCTGCTGAAGGCTACTTCCGAGCTCTGCACATGGCCTATGCACAGGGCCACCTGCAG
 AGCCAGGCAGTGGTCTGGCTAACTTTGGGGCCCTGTGTCTGCAAGCTGGTGCACGCAGCTTGGCCAGC
 ACTACCTGCGCGAGGCTGTGGGGCTCTTCTCCAGGTGCCAGTGGCGTGTGTGGCCGGGACTTACCCCA
 GGTGCTCCTGTGGTTGGGCCAACTGTGCACAGCCGGGCCCTCCCGCAGCAGGCTAAGTGCTACTACGAG
 TGGGCTTTCTGGTGGCGTGGAGACAGACCATCTGGAGAGTCACTTACAGGCTGTGCAGAAGCTGTGCC
 TCTTCTACAGCAAGGTGATGCCAATGAGGTGCGATGTGTATCTACCACGAGTTCAACTGGCACTGGC
 ACGCAAGACCGCCAACAAGGTGCTGGAGGGACAGCTGCTGGAGGCCATCAGCCAGCTCTACCTGTGCTG
 GGCACTGAGCGGGCTACAAGTCGGCTCTGGATTACACTAAACGAGCCTGGGGATTTTCATCGACCTGC
 AGCAGAAGGAGAAGGAGGCACGCGCTGGCTGCAGGCAGGGAAGATCTACTATATCCTGCGTCAGAATGA
 GCTGGTGGACTTATACATCCAGGTGGCACAGAATGCAGCCCTGTATACTGGGGACCCCAAGCTGGGCCTG
 GAACTGTTTGAGGCAGCAGGGGACATTTTCTTCAATGGGACCTGGGAGCGGGAGAAAGCTGTGCTCTTCT
 ACCGGGACCGGGCACTGCCCTGGCTGTGACTGTAGGAGACCAGGAAGTGAAGTGCCTGTGCAACAA
 GCTGGTGGCCCTTCTGTCCGCTGGAGGCACCCAGGAGGGCCTGGAGTTTGCCATGAGGCCTTGGCA
 CTCAGCATCACCTAGGTGACCGCTGAATGAGCGAGTGGCTACCACAGGCTAGCCACCCTGCACCACC
 GGCTGGGCCACGGGAACCTGGCTGAGCACTTCTTCTCAAGGCCCTGTCACTCTGCAGCTCGCCCTGGA
 ATTCGATGAGGAGACCCTGTACTATGTGAAGGTCTACCTGGTGTGGGTGACATCATCTTCTATGACCTG
 AAGGACCCGTTTGTATGCAGCTGGGTATTACCAGCTGGCACTGGCAGCAGCCGTGGACCTGGGCCACAAGA
 AAGCCAGCTGAAGATCTACACCCGCTGGCTACCATCTACCACCACTTCTCTGTGGACCGTGAGATGTC
 CCTCTTCTTACAGAAAGCAAGGACCTTGCCTCAGAACTGAACCTCCGCAGGACCAACCTGGTGCC
 CAGCGTCTGTGGCCGGGCACCTGGCTGGCCCTGGCCACCCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_194344

Insert Size:

4041 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_194344.2</u> , <u>NP_919325.2</u>
RefSeq Size:	4549 bp
RefSeq ORF:	4041 bp
Locus ID:	231147
Cytogenetics:	5 B3