

Product datasheet for MC224174

Sh3tc2 (NM_172628) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sh3tc2 (NM_172628) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sh3tc2
Synonyms: D430044G18Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC224174 representing NM_172628
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGGTGGCTGCTTCTGTATCCCTGGGGAGCGGAGTCTACCCTGGGGTCCAGGTAAGAAGGTTCTTCCA
 AGGATCCACCTGGATTGGCTGAGGACACGTCTCACTTAAAAACAAGAGAAAATGTTTCTGCCACAGAA
 TATGACCCAAGACCTGGTCTCTATTCTGTGTGAAGAGTCGCTCCAGGAGGTGTGTCAACGCAGCCTTA
 CAGGAAGCTGCACGGAGACGGCTCTGGGCCTGGAGAATGAAGCCAGGAAGTCCACGCGCTATTTAAGG
 ATCTCTCTGCAAGTTGGTGTGAGTGTCCAGTCCCAGAAGGACCAGTTCCTCATCACCTTCAAGACCCTGGA
 GGAAATCTGGAAGTTTTCCACGTACCTGAAGTATGGCTATGTGTCCATATGTCTGGAACATCTCTCTTT
 GACCACACGTAAGTGGCTCAACAGCAGGCTGGTGGACGACACAGAGATCCAAGTGTCTGTGGATGACAATC
 ACTTGGAAAACATATACCTGGGCCTCTGCTGCAGGAAGGTCCTTCTTCTGAGAGCCGTGTGCTCCGT
 GGCTCAGCCAGCTGACAAGGAAGGAGAATTTGACACTGTGCAAGAATGAGCTGATCTCCGTGCTCTCT
 GGAGGCGAGTCGGAGTGCAGGACATGTCCTTAGTGACGGCCAGAGGGGCTGGTGCCCATGTCAGCCC
 TGGAGCCCCTGCCTGTCCCTTTCCACCAATGGTTCCTAAAGAATCACCCAGGAATCTGTGGCCTTCCCAG
 GAAGAGAGACTGGACAGGCTCCGGCCAGATCGGCAGAGGACGGTCAAGGCTCTGATGGATTATGAGCAG
 GAGGAAAAGAGACGAAGTGTCTTCCAGGGTAAAAGCATTGACGTCATCGGCTTGTCACTACCTGGGC
 TGCAGTGGTTCATTGGGAAGTCAGTGAGTTCAGGAGAAGTGGGCTTTGTCCCACAGGAGCATCGATCT
 TGATTCTGTCTCCCCGATGAGCAAGAACTCTGCCTTTTTTCAGTGATGAGGAAAGGAGTTCTCTGTGTC
 CCAGGAAGTGAGAGGAAGGCCGAGTGTTCGGCTTCTATGTTGCTCGCTCATACTGACATCACTTCTA
 TTTACCGCTGAGTGAGTTTGAAGCCATCCAGAATCTCCAGAATGATCTGAGTGCATCGCAGCCCGAGGG
 CTTCCAGGGAGGCCAGGCTGGTGGGACCTGGATGGAGCGGCAGACCATAGGCTCTAGGCGTTCCAGCGGT
 TCTGGAGACTCCAGCCCCGAGGAGGATGAGCTCATCTCAGCCTCCTCGGACAGCTATCACCTTCCGAGC
 CCGAGGACCTCGATGACCCGAACTGTTTATGGACCTGAGCACCAGCCTGGAGGAGGATGATGTGGAGCA
 CTTTGCCCCATCTTGGCTTTTCTAGATCACGAAGGCTACACCGACCACCTTAAGAGCCTCTATGATTTCC



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TCCTTCTTTTTCTGACTTCCTCCTTCTACAGTTCTCTGAGGAGGATGAGCTAGTGGCCTACCTAGAGA
 CTTCAAGGAAGTGGGCCAAGATGAGCCACATGACATGGGCCCATGCCCGCTCTGCTTCTCCTGGGCCG
 ACTAAGCATCAGGAAGACCAAACCTTCTCAGGCCAGGGTCTACTTTGAGGAGGCCATTGAGTCCTTGAT
 GGGGCGTTTGAGGACCTCCTCCTGGTGGCTGCTGTACATCAACTTGGCAGCTATCTACCTGAGGCAGA
 GGCTAAGACATAAAGGGCCACCTTGTGAAAAGGCGGGCGCTCTGTGGCCTGCCTGCCAGACCATGA
 GTTCAGTACGAAGAATGAGCTAGATGTAGTGACTTACGTGCTGCGCCAAGGGATCGTGGTGGGAGTGCC
 CTTCTGGAGGCCAGGTCCTGCTTCTCCTGGCCATCCGGTTGCTCCTGAGCCTTGGCCGGCAGGAAAGTTG
 TGCCATTGCGAGAACGTCTGCAGCTCCTTCTGGACACCCTCCCGCTTCGGAGGCTACAGCCACCATGTT
 GAGTTCTCTGTATGACAAGAAGTATCTTCCGCATCTCGCAGTGGCCTCTGTTCAAAAACGTGGTCCCCAG
 AGTGCCCGGGGGATGTCTCTTTCCATTTGGCAGGCCTACTTGGTTCTCCAGAATGCCACTAAGATCCTGG
 GTGTTCTTCTTCAAACCTGGTGTGAGGTTTCCGCCCTGGCCTGCCAACCCCTCAGGCAGGCCCTGGTGC
 CTGTGAGGAACCTGAGTGACCAGGACATCCAGAGGACCTTGTGTCTCATCCTGTCTAAGATGTACCTCCAG
 CACCAATCTCCTGATGGTCTGTCCACTACCTGAGCCAGGCCATGTGTTAGGGAACTACTGGGTGAAG
 AGGAAGCCTTGAATCTTCTCTGTCTGGCATGGGCATACCTCTTAGGCAGGCAGACAGAGAAGGCCTT
 GGAGATCTTGGCCGCTACTATGCTCCTTGGAGAGACAGAGTGCCTGACCCAGAGGGGAGTGGTCCAC
 AACCTCCTGGGACTTGCCTTGAAGATGAAGGCCGGACTAGCAGGGCGGCCAAGAGCTACCTCCGAGCTC
 TGATCAGAGCTCGGGAGATGGGGAACATACGTAACCAGGCTGTGTCTATGGCCAATCTTGGTCACTTGAC
 CCTCAAGTCATGTATGCAGCAGTCAGCCAGGGTTATCTCCTGCAGGCTGTCCGGCTGATTCCGAACCTC
 CAAGCCAGCAAGGAGACAGACATGGAGTTGGTACAGGTGTTACTCTGGTTGGGCCAAGCTTCGGTGTCTG
 GACACCAGCTGGTCCACAGCCGCTTTGTTATGAAATGGCATTGCTGTTGGCTTAAAGCCACCAACCT
 AAGCAGTCAACTCAGGTACCAAACTCCTCTGCCATTTCTACAGCTCGGTGTCCCGAACCCCGATGCG
 TGCATTACCTATCATGAACACTGGCTGGCCCTGGCTCAGCAACTCAGGGATCGGGAGATGGAGGGACAGT
 TACTGGAGTCCCTTGGGAGCTTTATAGGAACCTAAACACATCCAGGTCCTCCGAAGTCCCTCGCCTG
 CATCAAGGAGAGCCTGCGTATATTGCTCGACCTAGGGGAGAGAGACAAGGCTGCTGAGGCCTGGCTGGGG
 GCCGGACGCTGCACTACCTCATGCAGGAAGATGAGCTGGTAGAACTGTATTTGCAGGAGGCCATCCAGA
 CAGCCTTGAGGTGAGAAGAGCCCTCCCTTGTCTCAAGCTTTACGAAGAAGCAGGTGACGTGTTCTTCAA
 CGGCACCCGCCATAGGCATCGTGTCTGGGAGTACTACCGGGCTGGCGCTGTTCTTTAGCGAGGAGAATG
 AAGGCGCTGAGAACCAGCTGCGGATCTCAACAAGCTGACAGAGCTGCAGATAAGCCTCGAGGGCTATG
 AGAAAGCTTTGGAGTTTCCACCCTGGCTGCCAGGCTGAGTGTCTCACGGGAGATCAGAAACAGGAGCT
 GGTGGCTTTTACCAGCTGGCGACTGTGACTTCTCTGAACATGTATGAGATGGCTGAAGACTGCTAC
 CTGAAGACTCTGTCCCTGTGCCACCATGGCTGCAGAGTCCCAAGGAGGCGCTGACTATGCCAAGGTCT
 ATGTGCGCTTGGCCGACTCACTTTCTACCAACTGAAGGATGCCATGATGCTACTGAATATTTCTGCT
 GGCCTAGCAGCTGCGGTCTGTATGGGTGACGAGGAGCTGCAGAACACCATTAAGAACAGGCTAGACAGC
 ATCTGCCAGAGTCCCCTGTGGCAGACAAATCCCTTCGGGTGCTCTTACAGAGAGGGCACGGTGGCTCAGTG
 GTGGGAGCCTGGCCCTCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_172628
- Insert Size:** 3870 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_172628.2](#), [NP_766216.2](#)

RefSeq Size: 4562 bp

RefSeq ORF: 3870 bp

Locus ID: 225608

UniProt ID: [Q80VA5](#)

Cytogenetics: 18 E1