

Product datasheet for **SC309412**

SH3TC1 (NM_018986) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3TC1 (NM_018986) Human 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:	>SC309412 representing NM_018986. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGAGAACCTCCCTGCCGTGACCACTGAGGAGCCGACCCCCATGGGAGGGGTCTGTGGGACCCTCA
GGAGGTGGCAGCACCCGGGACCAAGTCCGGACTGTGGTCATGAGGCCCTCTGTGAGCTGGGAGAAAGCG
GGGCCCAGGAGGCCAAGGCGCCAGTGAGAGGCGACGAGGCTCCTCTGCCCGCGTGGCTGGGCCTGCT
GCTGGGACCCCTCCCTGCCAGATGGGGGTTTATCCACAGACCTGACCCTGCAGCTGTGGCTGTGCGG
AGGAAGAGCAGACTGCGGGACCCCGCCTACAGCAGACCCTCCGGGGCCAGCTCCGCCTGCTGGAGAAT
GATAGCCGGGAGATGGCCCGCTGCTTGGGAATTATCAGCCAGGCTGCTGTCCATCCACAGTGACCAG
GACCGGATCGTGGTGACGTTTAAGACTTTTGAAGAAATCTGGAAGTTTTCCACCTACCATGCTCTCGGC
TTCACTCATCACTGCCTGGCAAACCTGCTCATGGACCAGGCCTTCTGGCTGCTCTGCCAGTGAGGAG
GAGGAGACGGCCATCCAAGTCCATGTGGATGAGAACGCCTTAAGGCTGACCCACGAGAGCCTCCTCATC
CAAGAAGGGCCCTCTTTGTCTGTGCTGCTGACCACCATGTGAGAGTGATGACGGGTCCCGGGATGCA
GGAAATGGCCCCAGGCCCTCAGGCAGGCTTCGGGGGCACCCAGGGAGAGGCGGCCCGGAAACAGAC
TCTTACC CGCAGCCCCAGCGTGTCTCCGAGGAGGTGGCAGTGGCGGCCCGCCCGAGCCTTTGATT
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CCCGGCAACCCGCTGATGGCTGTGGCCTGGCCTCGGCATTGGCAGACTCCAGGCTCGGGGCCGAA
GAGATGACCTTCCGAGGTGGCGACCTCATCGAGATCCTTGGGGCGCAGGTGCCAGCCTGCCTGGTGC
GTGGGCCGACACGACGCTCGGGCCGGGTGGGGTTTGTGCGGAGCAGCCTCATCAGCATGACAGGGCCCC
GTGTCCGAGTTGGAAAGTGCGATTTTCTCAATGAGGAAGAAAGTCATTCTTCAGCGAGGGCTGCTTT
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GACTCAGTAGAGGAAGCTGAGACCGAGCAGCCGAGGAAAAAGAAATACCTCCACCTTGCTGAGCCCCG
GAGCCACAGGAGACCTTGCAAGGTGAAGAATGTTCTGGAACAATGCAAGACCTGCCAGGCTGCCCC
CAGGAGCCAGCGTCTGGGGTCTCTGTGCGGCATCCAGCAGCTGAGCTTGCAAGACCCCGAGGAGCCC
TCCTTCTGCTTGAAGCCGAGGACGACTGGGAGGACCCAGAGGCCCTGAGCTCACTGCTGCTGTTCTGTG
AACGCCCCCTGGGTACAAGCCAGCTTCCGTGGCCTGTACGATGTGGCGCTGCCGTGGCTGAGCAGCGTG
TTCCGAGCTTCAGCGACGAGGAGGAGCTGACTGGGCGCCTGGCACAGGCCCGGGGGCGGCCAAGAAA



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GCTGGCCTCCTCATGGCCCTGGCCAGGCTCTGCTTCTCCTGGGGCGGCTGTGCAGCAGGAGGCTCAAG
 CTGTCCCAGGCCCGGTGTACTTTGAGGAAGCGCTGGGGGCCCTGGAGGGCAGCTTCGGGGACCTGTTT
 CTAGTGGTGGCTGTGTACGCCAACCTGGCCAGCATTTACCGGAAGCAGAAGAACCAGGAGAGTGTGCA
 CAGGTGGTGGCCAAAGCCATGGCCCTGCTCTGGGGACGCTGACCACATCTGCAGCAGGAGGCGGAG
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 ACACGGGGCTCGCTGGCCGGCTCGCTGAGGAGTGTGAACCTGGTGTCCAGAACGCCCCCAGCCCCAC
 AGCCTCCTGCCCAAACCTCCCACTACCTCAGGCAAGCGCTGGCCTCCCTGACCCCGGGCAGGCCAG
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 AGGACGGGCCGACGAGGCAGGCAGCTGAGAGCTACTACCGCCCTGCGGGTGGCTCGGACCTGGGC
 CAGCAAAGGAACAGGCAGTGGGGCTGGCCAACCTCGGGGCCCTGTGCCTGCATGCGGGTCCAGCAGG
 CTGGCCAGCACTACCTCCTGGAGGCCGTGCGGCTGTTCTCGAGGCTGCCCTTGGGGAGTGTGGCCG
 GACTTCACCCACGTGCTCCTGCAGCTGGGCCATCTCTGACCCGCCAGGGCCCGGCCAGCAGGGCAAG
 GGCTACTACGAGTGGGCCCTTCTGGTCGCGTGGAGATGGGCCACGTGGAGAGCCAGTGCGGGCCGTC
 CAGCGGCTGTGCCACTTCTACAGCGCGTATGCCAGCAGGCCCCAGTGTGTATCTACCATGAGCTC
 CAGCTCTCCCTGGCCTGCAAGGTGGCCGACAAGGTGCTGGAGGGCAGCTCCTGGAGACCATCAGCCAG
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 ATCTTGGCGCAGAGCGAGCTGGTGGACCTCTACATCCAGGTGGCACAGAACGTGGCCCTGTACACAGGC
 GACCCCAACCTGGGGCTGGAGCTGTTTGAAGCGGCTGGAGACATCTTCTCGACGGGGCTGGGAGCGG
 GAGAAAGCTGTGCTTCTACCGGGACCGGCCCTGCCCTGGCAGTGACTACGGCAACCGCAAGGCG
 GAGCTGCGGCTGTGCAACAAGCTGGTGGCACTGCTGGCCACGCTGGAGGAGCCCCAGGAGGCTTGGAG
 TTTGCCACATGGCCCTAGCACTCAGCATACCCTGGGGACCGGCTGAACGAGCGCGTGGCCATCCAC
 CGGCTGGCCGCCCTGCAACACCGACTGGCCATGGCGAGCTGGCAGAGCACTTCTACCTCAAGGCCCTG
 TCGCTCTGCAACTCGCCGCTGGAGTTTGACGAGGAGACCCTCTACTACGTGAAGGTGTACCTGGTCTC
 GGTGACATCATCTTCTACGACCTGAAGGACCGTTTGATGCAGCCGGTACTACCAGCTGGCGCTGGCG
 GCCGCCGTGGACCTGGGCAACAAGAAGGCACAGCTGAAGATCTACACGCGGCTGGCCACCATCTACCAC
 AACTTCTCCTGGACCGTGAGAAGTCTGCTTCTTCTACCAAGAAGGCCAGGACCTTCGCCACAGAGCTC
 AACGTCCGCAGGGTCAACCTGCCTCTCTGCCACTCTGCGGGTGGGCCCCCTGGTTGGCCCCAGCCAC
 CCTCGCTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI

ACCN: NM_018986

Insert Size: 4011 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>NM_018986.4</u>
RefSeq Size:	4362 bp
RefSeq ORF:	4011 bp
Locus ID:	54436
UniProt ID:	<u>Q8TE82</u>
Cytogenetics:	4p16.1
Domains:	TPR, SH3
MW:	146.9 kDa