

Product datasheet for **SC201202**

SHANK1 (NM_016148) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	SHANK1
Synonyms:	SPANK-1; SSTRIP; synamon
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_016148
Insert Size:	2000 bp



Insert Sequence:

>SC201202 3'UTR clone of NM_016148

The sequence shown below is from the reference sequence of NM_016148. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CGGGCTCTCAAATTCCTTGAGAGGTTGATGGCTGGCTGGACGGACAGCCCGTCCACAGAATCT
TGAGCCTGCTGGCCTCTTGACCTCTGACCCCTGACTGTCTCTCTCCCGGGCAGGACTCTGTTCA
AACTGCGCCCTGCCCTCATCTCCAAGGCCAGAGGTACCAGGTGGCCCAATCCAGGCCGGACATTTGC
ACCTCACTGAAGGGGGGAGCTGACACAAGAGTGTGTGTGTGTGTGAAGCGGGAGCGGAGGGGGGA
TAGGAGAAATTACAGAGGGGAATTGAGAAGGAGGGAAGGGCCTATTCTGGGGGAGGGGATAGACAGAG
CCATAGAGGGTCAGCCCTGAGCCCGATTGGATGGGACTGTCCCCAGGCCGAGGGGAAGGGGTGCC
CTCGGATTCCACCACCTGCCACCCCTCTAACAACCCCTCCCACTCTCTCCAGGCCCTCAGCTCTCCCC
CCTTCCCTCTCCCCAGCACACAGCTGCCCCCTCAGCCTCTTGACGCTCCGTTGCACGCTGCTC
ACCTCTCTCCCTCCCGTCCCGGGCTGCAATTTGCACAAATTTGCCCTCTCGCTGTCTTGACATTC
TGCTTTTGCTTCTGGCTGGCGAGGCCCGCTCAAATACACTCTGCTCTCTCGCACACGCTGCATTTCT
TTCTCAGCTCCATGCCTCCTTCTGTCTTCTGCTGCTTACACACTTTTCCCTACCAGGGCCCTCCT
TTACACACTCCATTTACATCTCCTCCTCCCGCTCGCTCTGGACCCTTGTGACAGACACTTTGGGAC
ACATTTTCCCTCCCTCAGACTCCATGCACATCATTCTCTGGAGTGCCTGCTCTTTGCTCA
GCCCTTGACACTTGCTATCTTATGACCCCTCTGACACACTCTTACCTCCATTTTCTTACGTTGAAG
CACTTTCCCTTCTTATTCTTAAAAACCCAGATTCTTCCACTCCCCAACTCTCCCTCTCACCATGACA
CTCCTAGCCCCCACCCTCCCTCTTGCCTTTTGCACCGTCACTTTTGGTACGCTTTTG
CACACTTGCTCCAGAACTTTTCTCTCACACATGCTATTCTTCTTCTTTGCCAGGCTCCCACT
CCCTTGCCCTTTCTGTTGAAATCTTTGCCCTCTGCATTTTGAATCTTTGTGAACCTCTTGAC
ACTTGCTTTTGACACGCGCCCCCCCCCAGCATTTTCACTGCTCTCCGAAGCCTTGTCTCCCT
TTAATAATGTTCTTGCGCACCATGACATGGCTGCACACCGCATCTGTCTTTTCTACCTGGATGAGAGC
TCTACCACTTCTTTCTTTTGACACTCATCTCATTCATGCACTCTTGGGCTGTAAGTGTCAATTTCTT
TTCTTGACACGCTTATTTTATTCTGTTGACAAGCAGCTCTTGGGCCATTCTATTTCGATTCTCT
TACCTCCTTAAGCTCTTCTCTTCTGCTGAGAGAAGACCCTATGCACACTGGCTTCTGCTCACCATG
CTTCCACACTCGAGCTCTCCTGCTCCAGCCCTCACCTTCTCACATCCTCCTCTTCTGTCTTTC
CTGGGCCATCTGTCCATCCCTTTTGACAGAGATTGCCCTCTCCTAACCTGTCCACTCCAAGAAGCTCC
CTCTCCCTCCAGCATGGCTGTTCTTCCCGACGCTTCTCTCTCCGCTTATCCCGGGGCTTGGGAAT
GTTAAGCCACCCCTCCCTGAAAAGCCCTCCCTGCTGTGGGTAAAGGGGGAGGGGCTTGCCCTC
AGGTCCCCCCCCCATGTTCACTGCCAAAGAAGGAGCTCCCTCCTTCCCAAGCCCATCCCCCTC
TGCTGCCCCCTACCCCCGAGAGGGGGGGCGCTCCGTCCATGAGGGGAGGGGGCTGCAAGCCCCCTCC
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_016148.5

Summary: This gene encodes a member of the SHANK (SH3 domain and ankyrin repeat containing) family of proteins. Members of this family act as scaffold proteins that are required for the development and function of neuronal synapses. Deletions in this gene may be associated with autism spectrum disorder in males. [provided by RefSeq, Apr 2016]

Locus ID: 50944

MW: 72.7