

Product datasheet for **SC122719**

SH2D3A (NM_005490) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH2D3A (NM_005490) Human Untagged Clone
Tag:	Tag Free
Symbol:	SH2D3A
Synonyms:	NSP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>OriGene sequence for NM_005490 edited
 AGCCGCGGAGCCTCAGCTTCCGCCTGGACCCAGCCTCGTGGGAGCCCCGCGGGTCTGCCC
 CAGATGTGGAAGACTGAGGCCTGTTGAAAGTGCAGAGCTCAGCCCTGGCACCCCTCTGTTC
 CCAAGAGCTCCATGCAGGTGCCACAGGATGGAGAAGACCTTGCTGGCCAACCTTGGTACC
 ACGGCCTCCTGTCCCGCCAGAAGGCTGAAGCTCTTCTTCAGCAAAATGGCGACTTCCTGG
 TTCGCGCTCTGGGTCCCGTGGGGCAACCCGTGATCTCCTGCCGTGGCGGGGCTCAG
 CCCTCCATTTTGAGGTGTTCCGTGTGGCCTGCGTCCCCGGCCAGGCCGACCCACAGCCC
 TCTTTCAACTGGAGGATGAGCAATTCCCCAGCATACCGGCTCTGGTTCACAGTTATATGA
 CAGGCAGCGCCCACTGTCCCAGGCCACAGGGGCTGTGGTCTCCAGGCCTGTGACTTGGC
 AGGGGCTCTGCGACGCAGCTTTAGCGAGGACACCCTGATGGATGGCCAGCTCGGATAG
 AGCCTCTCAGGGCAAGGAAGTGGAGCAACAGTCAGCCTGCAGATTTGGCACATATGGGGC
 GGTCAAGAGAAGACCCGCTGGGATGGAAGCCTCCACCATGCCCATATCTGCCTTGGCCC
 GAACGAGCAGTGACCCGGTGTGCTGAAGGCCCTGCTCCCTGGGAAGTGTGCCGACA
 GTCTCAGGGCCTCCGATGGGCAGCTTCAAGCCAAGGCACCAACGAAGCCCCCGGACAC
 CCTCCTTCGAAGTGCCTGATGCCTCTGAACGTCCCCGACGTACTGCGAGCTGGTCCCC
 GAGTGCCAGTGTCCAGGGAACATCCCCGAGCCAAAGTGCCAGAGCCAGAGGCCCAT
 GGTGGGAGGCCGAGGAGGATGAGGAGGAAGAGAATAGATGTTTTACAAGACCACAGGCTG
 AGATCTCTTTCTGCCCCATGATGCCCCCTCTGCCTGCTGGGCCCCAGAATCGGCCCC
 TGGAACCCCAAGTCTGCATACCTCCGTGGCCTGTTCTGGAGCACCATCCTGGGAGCA
 CCGCCCTTCACTGCTATTGGTAGACTGCCAGGCCACAGGCCTCCTGGGAGTGACCAGAG
 ATCAGCGGGGCAACATGGGAGTCTCATCTGGCCTGGAGCTGCTCACTCTTCCCCATGGAC
 ACCACTTGAGGTTGGAAGTGTGGAGAGGCATCAGACACTGGCGCTGGCCGGGGCGCTGG
 CGGTGCTGGGCTGCTCGGGGCCGCTGGAGGAGCGCGCAGCCGCACTGAGGGGACTGGTAG
 AGCTGGCGCTGGCGCTGCGGCCAGGGGCGCGGGGGACCTGCCCGGCTGGCTGCAGTCA
 TGGGCGCCTGCTCATGCCCCAGGTGTCCCGTTGGAGCACACGTGGCGCCAGTCCGAA
 GGAGCCACACGGAGGCTGCGCTGGCCTTTGAGCAGGAGCTGAAGCCGCTGATGCGGGCTC
 TGGATGAGGGCGCTGGACCCTGCGACCCCGCGAGGTGGCGCTGCCGCACGTGGCACCCA
 TGGTTCGCCTACTGGAGGGCGAGGAAGTCGCGGGGCCGCTGGACGAGAGCTGTGAGCGGC
 TGTTGCGCACCTGCACGGGGCGCGTCACATGGTCCGGGACGCACCCAAATTCGCAAGG
 TGGCAGCCAGCGCCTGCGAGGATTCCGGCCTAACCCGAGCTGAGGGAGGCCCTGACCA
 CCGGCTTCGTGCGGAGGCTGCTCTGGGGTAGCCGGGGCGCGGAGCTCCGCGCGTGAAC
 GCTTTGAGAAGTTCCAGCGCGTCTCGGCGTCTGTGCGAGCGCTGGAGCCTGACCGCT
 GAGAGCGCAGACACCTTCTTACACCCGGGACCCCCAGGTTTTTGCGAACCCAGAGA
 GACCAAAGGAGTCGTCCCAGGCTCCTCGCGCTCAGGTGGAATCCTGCCCTGTGCCTCAC
 AGAAGAGGTGGGACCGCAGTCAGGTCACCTGGACCATGGTGAACATGTGACCTGCAGA
 TCTGGCATCAGAGGCCAGAGTTCAAATGTGACTCCACCTTTAAAGCCGTGATTCTAG
 CAGTTGACTTCACCTCTGTGTCGGCCTTAACAAAATCATAGCCATACAGCAGCTCAGGC
 CTGTAATCTCAGCACTTTGGGAGGCCGAGGCGGAAGGAAGGCTTGAGGCCAGGAGTTCAA
 GACCAGCCAGGGCAACATGGTGAGACCTCATCTCTACAAAACTGAAAAATAAAAACTT
 TAAAAAATGTAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005490 unedited <pre> CCGCCAGGATTTGTATACGACTCATATAGGCGGCGCGCAATTCGCACGAGGAGCCGCGG AGCCTCAGCTTCCGCCTGGGACCCGAGCCTCGTGGGGAGCCCCGCGGGTCCTGCCCAGAT GTGGAAGACTGAGGCCTGTTGAAAGTGCAGAGCTCAGCCCTGGCACCCCTCTGTTCCCAAG AGCTCCATGCAGGTGCCACAGGATGGAGAAGACCTTGTGGCCAACTTGGTACCACGGC CTCCGGTGCCCGCAGAAAGCTGAAGCTCTTCTCAGCAAAATGGCGACTTCCTGGTTCCG CGCCTCTGGGTCCCGTGGGGGCAACCCCGTGATCTCCTGCCGCTGGCGGGGCTCAGCCCT CCATTTTGAGGTGTTCCGTGTGGCCCTGCGTCCCCGGCCAGGCCGACCCACAGCCCTCTT TCAACTGGAGGATGAGCAATTCCCCAGCATACCGGCTCTGGTTCACAGTTATATGACAGG CAGGCGCCCACTGTCCCAGGCCACAGGGGCTGTGGTCTCCAGGCCTGTGACTTGGCAGGG GCCTCTGCGACGAGCTTTANCGAGGACACCCTGATGGATGGCCAGCTCGGATAGAGCC TCTCAGGGCAAGGAAGTGGAGCAACAGTCAGCCTGCAGATTTGGCACATATGGGGCGGTC AAGAGAAGACCCGCTGGGATGGAAGCCTCCACCATGCCATATCTGCCTTGCCCCGAAC GAGCAGTGACCCGGTGTGCTNGAAGCACCTGCTCCCCTGGGGACTGTTGCCGACAGTCT CAGGGCCTCCGATGGGCAGCTTCAAGCCCAGGGGCCAACGAAGCCCCCGGACACACTC TTCAAAGTGCCTGATGCCCTGAACGTCCCCGACGTAAGGAGCTGGTGGCCCGAGTG CCCAGTGTGCAAGGAC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_005490
Insert Size:	2322 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_005490.1 , NP_005481.1
RefSeq Size:	2327 bp
RefSeq ORF:	1731 bp
Locus ID:	10045
UniProt ID:	Q9BRG2
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome
Gene Summary:	May play a role in JNK activation.[UniProtKB/Swiss-Prot Function]