

Product datasheet for **RN202910**

Sh2d3c (NM_001108579) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh2d3c (NM_001108579) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sh2d3c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202910 representing NM_001108579
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAGAAATGCCAAGAAAACAGGCAAAAAGTTCAAGTTCTTCAAGTTCAAGGGCCTCGGGAGCCTTT
 CCAATCTCCCTCGGTCCTTTTCTCTGAGACGGTCTTCAAGCTCCCTAGCATCCGGTCTGTCCGGAGCC
 TGACACCTTTGAAGCCACACAGGATGACTTGGTACACTCCCAAAGAGTCTCTGCCTATGACAGTTCC
 AGTGACATGTACAGCCACATGGGCACCATGCCCGCCCTAACATCAAGAAGGCTCAGAAAACAAAGGCTG
 TCCAGAAGGCCAGGAAGTCAGCCGAGAATCCCACCTGGTGTCTCGAGGGCTGCCAGAGCCACCAGACTT
 CGAGGCAGCCAAGGAGCGGAGAAGGAACTGAAACCCCACTGGAGGACACCACCTTCAGCAGTAGAA
 GTGGACCTATGAGGAACTCGCGGGCCTCACAGTAGACACAGCGGAGAAGCAAATCCCTGGGGATGCGT
 ACCCAGAAAGGGTGTGCAGAACTGGAGGCTGTGGGGACTATGTGAAGTTCTCCAAGGAGAAGTACAT
 TCTCGACTCCTCGCCAGAGAAGTGCACAAGGAGCTGGAGGAAGAGCTGAAGCTCAGCAGTACAGACCTC
 CGCAGCCATGCCTGGTATCATGGACGTATCCCTCGTGAGGTCTCCGAGACCCTGGTGACGCGGAACGGCG
 ACTTCCTCATCCGTGACTCTCTACCAGTCTGGGGGACTATGTGCTCACGTGCCGCTGGCACAATCAGAC
 CTTGCACTTCAAGATCAACAAGGTGGTGGTGGAGGCTGGCGAGAGCTACACCCACATCCGGTACCTCTTC
 GAGCAGGAGAGCTTCGACCACGTGCCCGCCCTTGTGCGCTATCATGTGGGCAGCCGTAAGGCCGTGTCCG
 AACAGAGTGGGGCCATCATCTACTGCCCGTCAACCGCACCTTCCCACTGCGCTACCTCGAGGCCAGCTA
 CGGCCTGAGCCAGGGCAGCAGCAAGGCTGCCAGCCAGCCAGCCCTCAGGCCCAAGGGCAGCCACATG
 AAAAGACGCAGCGTTACCATGACTGATGGGCTCACCTTGACAAGGTACCCGCGGAGATGGTGGCCCA
 ACAGACCTCACTACCCATCCTCGAGACTCCATCCGAAACTGCGCCCTCAGCATGGACCATCCCA
 TCTACACTCTCCGCTGTCTCTATCTCCGAGAGTCCAGCTCCCTGCCTATAGCACCGTAACCCGCGTC
 CATGCTGCTTCTGCTGCCCCCTGTACAGCACAGCCCGCCTCCCCAGTTGCCCGCCGCTCCAGTGAACCTC
 AGCTATGTCTGGAGGTGCTCCAAAGCCTCCTGGGGAGTCAGACAGGGGCCCTCACGCAAGCCCGTCCCA
 CACCCTCTGCAAGGCCTCGCCATCACCGTCACTCAGCAGCTACAGTGACCCAGACTCTGGCCACTATTGT
 CAGCTCCAGCCTCCTGTGCGCTGTAGCCGAGAGCCGACAGCAGGAGAGACCCCCGGAAGGCTCGGAGCT
 CTGAGAGAGGCAAAAGGAACTGTCAGAAAATGGAGTCCCTGAGGGGAGTGGGGCAAGACCTTCACAGC
 CCCTGTAGCAGAACCCACCTCATCTTTCAACCTGGCTACCTTCCAGTCCCAGCTGATCCCAAGGAGAAC
 CGGCCTCTGGAGGTGGGCTGTGCGCAAAGTCAAGGAGTGTGTGCGAGGTGGATGCCCGGACGCTGG
 CCCGGCATGTACCAAGGTTGACTGCCTGGTTGCTAGGATACTGGGCGTTACCAAGGAGATGCAGACCCT
 AATGGGAGTCCGCTGGGGCATGGAGTGTCCACCTCCCCATGGCCGGCAGCTAAGACAAGACCTGCTG
 GAAAGGTTCCACACCATGTCCATCATGTGGCGGTGGATATCCTGGGCTGCACAGGCTCTGCGGAGGAGC
 GGGCGGCGCTGTGCACAAGACCATCCAGCTGGCAGCTGAGTGGGGGGACGATGGGCAACATGTTCA
 CTTGCTGCTGTATGGGCGCCCTGGAGATGGCCAGATTTCAAGGCTGGAGCAGACGTGGATGACTCTG
 CGGCAACGACACACGGAGGTGCCATTCTGTATGAGAAGAACTCAAGCCTTTCCTCAAGAGCCTGAACG
 AGGGCAAGAAGGCCCGCCATTGAGCAACACCTTTCCACACGTGCTGCCCTTATTACCCTGCTGGA
 GTGTGACTCCGCCCCCGGAGGGCCCTGAACCTTGGGGCAGCACAGAACATGGTGTGGAGTTGTGTA
 GCCCACCTGGAGGCTGCCGCACTGTGGCACACCACGGGGCCTTACCACCAACGCTGAAGTCAAGC
 TGACGGGTTCCAGGCCGACCGGAGCTCCTGGAAGTGTTCAGCACAGAGTTCCAGATGCGTCTCCTCTG
 GGGCAGCCAGGTTGCCAACAGCAGCCAGGCTGGCGCTATGAGAAGTTTGACAAAGTCTCACTGCCTTG
 TCCCAAGCTGGAACCTGCCATCCGCTCTAGTGAAGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108579
Insert Size: 2562 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:	<ol style="list-style-type: none">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_001108579.1</u> , <u>NP_001102049.1</u>
RefSeq Size:	3078 bp
RefSeq ORF:	2562 bp
Locus ID:	362111
Cytogenetics:	3p11