

## Product datasheet for RN216653

### Sh2d4b (NM\_001170349) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Sh2d4b (NM\_001170349) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Sh2d4b  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Fully Sequenced ORF: >RN216653 representing NM\_001170349

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGCAGCAGATCCTGCAAGACATGTACATCGACCCAGAGCTTCTGGCTGAGCTCAGTGATGTGCAA  
AGCACATCCTCTTCTATAAGATGCGAGAGGAGCAGCTTCGACGTTGGAGGGAACGGGAGGCATGGGATGC  
CCTGGCTCAGGCAGAGGGCCTCAGGCCGGCAAAGTCAAGAGAGCGAGCAACAAGCACATCCAATGGCTG  
CTGGGAGCGGATGGCGAGGTCTGGTGTGGTCTGGGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG  
TATCTGAGGAAGTATTGACAGAGAGGGCTCGGCTGCAAGCACAGAAAGAGGCCGAAGAGCTCTGGAGACA  
GAAGGAAGCAGAGATCACCAAAAAGTCCGGGATGCCTTGGCCAATGAGAAAGCCCGATTCTGGCGGAG  
AAGTGGAAGTGGAGATGGAGGACCGCAAGGCTGCTAAAGTCTGGAGGAACGGATACATGAGGAATTCA  
AGAGGAAAGAGGAAGAAGAGAGGAGGCGAGGGGAAGAACAGATTCGACTCCAAGAGGAACAGAGGGCAAA  
GGAAGTCTACTGGACCCTGAAGCAGGCCAGTTACTGCTGCAAGACAGTGAAGCAGGAGCGTGAATGG  
GAAGAACAGCTGCGTAGATCCAAGGCAGCTGATGAGGAGAGAAGCCGTCGTGCTCAGCGAGCCCGGGATG  
AGTACCGCGCCACTCACTCCGAGCCATCCAGAAGGGCACTGTTGCTGGTCTAAGCACCATGTTCCAAGA  
ACTTGGTCAGAACCATGAGCAGGAGGCAAGACTCTATACCAACTTCTGGCACCAGGCCACCATCACCC  
CTCACAGGACCTGACAGGACCTGGGAGCGACCTCTGCGTCCACTCTAGAGAAGTTATTGTGCGCTGGT  
TCAAGGAGGAACAGCTGCCTCGCCGAGCTGGCTTTGAAAGGAACACGAAGTCCATCGCTCCCTGGTTTCA  
TGGAAATTATTAGCCGAGAGAATGCAAGAAGACCTTCTGGAGAATATGACCGAGGGAGCATTTTTGTCCGG  
GTCAGTGAGAAGATCTGGGGTTATACCCTGTCTACCGCCTGCAGAGAGGTTTCAAACATTTCTTGTGG  
ATGCTCTGGGGACTTCTACAGCTTTCTGGGAGTGGACCTAACCGCCATGCCACCCTAACAGATTCAT  
CGATTTCCACAAGGAGGAAATCATCACCCTTTCAGGGGGAGAGTTGCTACAGGAGCCCTGCGGACAGAGG  
GATAGCCCACCAGACTATCACCTGTTGTTTGAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001170349
<b>Insert Size:</b>	1296 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001170349.1</a></u> , <u><a href="#">NP_001163820.1</a></u>
<b>RefSeq Size:</b>	1296 bp
<b>RefSeq ORF:</b>	1296 bp
<b>Locus ID:</b>	290612
<b>Cytogenetics:</b>	16p14