

## Product datasheet for RN204857

### Sh2d2a (NM\_207605) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sh2d2a (NM\_207605) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sh2d2a  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN204857 representing NM\_207605  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGTTCTGCTTGGCCAGACATGTCCCAAGGGAATCATGAAGCCACCTCCCCAACCTTCAGCACCT  
 TCCAGCCCATGAACCTGACCCAGGGGAGATGCCAGGACTTGGGTGTGGGGCAAGCCAGCATGCAGGC  
 TCTGAGGGAACAGGAGGTTTCAGCTCAGCCAGGGTCACCCACACGGTGGCCTCTGCCTCAGCCCCAGGA  
 GCTGCCTGGGTCTTAGAGAGTGTCAACAGGGAGGAAGAGGAACCTGGGAAAGGTGAAGTGCATTGCAAG  
 CTGAGACCAGAGCATGGTTTCAGAAGACCCAGGCCACTGGCTCTTGCTCAGGACTGCCCGCTTTGGTT  
 CCATGGCTTCAATACCAGAAGGGAAGCTGAGAGGCTACTGCAGTCCCAACCTCTAGGATGCTATCTGGTG  
 CGCTTCAGCGAGAGCGTGTGACCTTCGTGCTGTCTACAGGAGCCGAACCTGCTGCCGTCACCTCCTCC  
 TTGCTCAGCTAGGGGATGGGCGCCACGTGGTGTGGTGAAGACAGTGCCACTCGCAGCTTCAGGACCT  
 GCTTCAACACTACACAGAGTGCCCCCTCAGCCCCACGGGGAGATGCTCACCAACCCCTTGCTCGCCAG  
 ACAGCTGAGCCTGCCGTCTTTCCCTAAGGGTGAATCAGACTCTGGAAGCAGAAGACAGGACCCAGACA  
 CCCAGCACAGCCTGTTTCATCCAACAGGGGAGGCCATGCCAGGCCCCAGGACATAAAGAGAAAGTGAG  
 GGCTCCCAACAGAAGAAGACTTCCCAGGCATCCAGACCCAGGCCCCCAATTCCTGCCAAGCCTCAGCTA  
 CCTCTTGAAGTCTACACAAGTCCTGCTCCACGACCTCATCAGGCCCTACCCATTAAACCCGCTTACCAGG  
 AGCCTGATGAACCATAGCCTTCTATGCCATGGGGCGGGCAGCCCTGGGGATGCTCCTAGTAATATCTA  
 TGCTGAGGTGGATGGCCACGGGAAATGCTACCCATTGGGCACCCACCCCTCCATAAGTGCTGGTCCAGG  
 CCTATCTCAGGAGGCCAGGGAAGGGGGTACAGGGAAAGAAAAGCTCAAGAAGGCCAGCAGGAAGAGGGA  
 GCCCTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_207605



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<b>Insert Size:</b>	1131 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>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_207605.3</a></u> , <u><a href="#">NP_997488.2</a></u>
<b>RefSeq Size:</b>	1587 bp
<b>RefSeq ORF:</b>	1131 bp
<b>Locus ID:</b>	310688
<b>Cytogenetics:</b>	2q34
<b>Gene Summary:</b>	T cell-specific SH3/SH2 adaptor protein; may be a transcriptional regulator; may be a marker for T cell proliferation [RGD, Feb 2006]