

Product datasheet for **MC212901**

Sh2d5 (NM_001099631) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sh2d5 (NM_001099631) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sh2d5
Synonyms: BC036961
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212901 representing NM_001099631
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGAGGGCTGGGGCCGGGCCCCGAAGGGCTCCGACTGTGGGCTGCACCTACCGGCCAGGTGCA
TTGCCAAGCTTGCCAGTATGTGGATCCTTTCCTGTGGATGACTGGACTCAGGAGCGTGGGCT
CGTACAGCAGCAGCTATGGGCCCTGCAGGACTGTCCCGACGCCGGCTGTCATTCTGAAATTCAGTCTT
CAGGGTCTCAAGATCTACAGTGGGGAGGGCGAGGTGCTCCTAATGGCCATGCGCTGAAGCGCATCTCT
ATGCCACCTGGTACCCAGCTGCCTGCCAGTTTGTCTTTATTGCCCGGAACCCACGAGCCATCCAGCAA
GCTCTTTTGTATCTCTTTGTGGGGAGCCAGCCTGGAGAGGTCCATATCCTGTATCTGCTGCTGCCGT
TCCTTCCAGCTTGCATACCTCTTGCAGCACCTGAGGAGAGGGCACAGTCTGAGCCTTGCCTGGCGCCTG
TAGGGGACCTGTCCCTGAAGCCACTCTGCAGCCCTGGGGTACCCCTGCATTAGTGCGAGAGCCCTCAG
CCGGGATCAGTGTACAGAAATGTTTCATGCCCTGGTCTCCTTCCGGCGGCTTCTGCAGAAGGGCTCCTG
GGCAGTAATGGGAAGGAGCTGCCAGAGTCAGAGGGCCGTGGGGCACCCGTCATATTCGCTGGGAACC
CCTACTGCTCACCCACTGGTGGCAAGAAGGCCATTGCGAGCAAGGTGATCCGCTCCGGGCTACCG
AGGCTGCACCTATGAGACCCAGCTTCACTGTGAGCCCGGAAGCCTTTCCTGCTGCATGGGAGGGTGG
CCCCGTGGCCCTGGTGGCCCTCGTGCCTTGTGGAGAATGAGGGAAGCCTGACAGAGAACATCTGGGCT
TTGCTGGCCTTCCAGGCTGTGCTCTTCCCTGCTGCGGAGAGATGTGCATGGAGCCTTCTGCTGTG
GCCAGAGCCAGGTACCAGCGACCAGTGGAGCCTGTCCGTACGGACCCAGTGTGGCGTGGTGCCTCACCAG
GTCTTCAGGAACCACTAGGCCGTTCTGCCTAGAGCACCTGCCAGCAGAGTTCCCCAGCCTGGAGGCC
TGGTGGAGAGCCACGCCGGGTGGAACGAAGTCTTCTGCCACTCAGCATGGGCCGTCTCAACCTAC
CTACGAAGAGCAGGACTGTGGACTGAGGAAGGTTCCACGGACTCTGCGGCCCTCAGCCACGCCAAG
TCTGAGGCGGAATTGCAAGGCCTGGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001099631
Insert Size:	1290 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_001099631.1</u> , <u>NP_001093101.1</u>
RefSeq Size:	3158 bp
RefSeq ORF:	1290 bp
Locus ID:	230863
UniProt ID:	<u>Q8JZW5</u>
Cytogenetics:	4 D3
Gene Summary:	May be involved in synaptic plasticity regulation through the control of Rac-GTP levels. [UniProtKB/Swiss-Prot Function]