

Product datasheet for RN202203

Sh3pxd2a (NM_001107606) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3pxd2a (NM_001107606) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sh3pxd2a
Synonyms:	Sh3md1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202203 representing NM_001107606 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGCTTCTGGATAAGTTCCTATCGAAGGTGGCCAGAAGGATCCCAAGCAGAGGATTATCCCCTTCC
TTCGGGCAAGATCCTCTTCCGGAGAAGCCACATCCGAGACGTAGCTGTGAAAAGGCTGAAGCCCATCAA
TGAGTACTGCAGGGCGCTCGTCCGGCTGCCTCCACATTTACAGTGTGATGAAGTCTTTCGGTCTTT
GAGGCAGTCTGAGGATGTCAACCCCCAAAAGAAGACTATGGCAGTCCAAGAGGAAATCAGTGTGGT
TATCCAGCTGGGCTGAGTCTCCCAAGAAGGACGTGACAGGTGCCGACCAACGCCGAGCCCATGATCCT
GGAACAGTACGTGGTGGTGTCCAATAAAGAAACAAGAGAAGTCCGGAGCTGAGCCTCCAGGCCGGGGAG
GTAGTAGATGTCATCGAGAAGAACGAAAGCGGCTGGTGGTTTGTGACGACGTCTGAAGAGCAAGTTGGG
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GGAAGTGTCCAAGAGACGAAAGCTCACCTGCGGCGCCTGGATCGCCGGTGGACCCTGGGCGGGATGGTC
AACAGGCAGCACAGCCGAGAAGAGAAGTATGTCACCGTGCAGCCCTACACCAGCCAAAGCAAAGACGAGA
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CCTAGGCAAAGAGGGCTGGGCACCAGCATCCTATCTGAAGAAGGCCAAGGACGACCTGCCAACCCGGAAG
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CCTCCGGGGATAAAGAGGCTCCAGTGGAAAGGCGAAGGATCGGAGGCCCCCATCTCCAAGAAGGAGATCAG
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GCCAGGGCTCCCCGGCGTGGCCAGGATTGCTCCTCAGCGGGCCAGATCAGCTCCCCGAACCTGAGGA
CGAGACCTCCCCCGCGCAGAGAATCCAGCCTGGGGTTCAGCTGCCAAAGCCACCAGAGCCCTTCTGT
TGAGGTAGAGTACTACACATTGCTGAATTCAGTCTGATTTCTGACGGCATCAGCTTTCGAGGGCGGA
CAGAAGGCAGAGGTCATCGACAAGAAGTCAAGAGGCTGGTGGTACGTGCAGATCGGGGAGAAGGAGGGCT
GGCCCCGGCCTCATACATCGATAAGCGCAAGAAGCCCAACCTGAGCCGCGCAACCAGCAGCTCTGACCCG
GCCAAGGTGCCGCCACCCGACCCCAAGCAAGCCTAAGGAGACCGAGGAGAATCCTGCGGGTGCCTGC
GAGAACCAGGGCTCCCCACTGAAGTTGAAGTATGAGGAACCCGAGTATGACATCCCCGCCTTTGGCTTCG



ACTCAGAGCCTGAGCTGAATGAAGAACCCACGGAGGACAGAGGTTTCAGGGGACAAGCATCCTGCCAGCC
 CCGAAGGACCTCGCTGCCTCCTCCCTGCAACGGGCCACTTCAAGGTGGGTGAGTCCTCTGAGGATGTG
 GCCCTGGAAGAGGAGACCATCTATGAGAACGAGGGCTTCAGGCCATACACGGAAGACACCCTGTCTGCCA
 GAGGCTCCTCTGGGGACAGCGACTCGCCTGAAACTCCTCTTTGTCCCTTGCATGAAAACTCCCCTAA
 GTCAGATTCTCCAAGTCTCATCTCTCTAAAGCTCAAGGCAGAGAAGAATGCTCAGGCAGAATGGGG
 AAAAACCAGTCCAACATCTCTTCTCCTCCTCCGTACGATCGGCACCACCTCCTCCTCTCCTCCTCCT
 CTTCCCTCCCTGTCCAAGAACAGCGGTGACCTGAAGCCAGTTCTGCCTCAGATGCAGGCATCCGTGACAG
 CCCAAGGGGGGACCAAGAAAGACCCTGATGTGAAGACTGGGCTGGCGTCTGTGTCCGAGCCAAGCCC
 TCTGTCCGACCAAGCCGGTCTGAACCGAGCCGAGTCTCAAAGCCAGGAGAAGATGGACATTAGCTCCT
 TACGGCGCAGCTGAGGCCACGGGCCAGCTCCGGGGGGCCTCAAGGGCTCTAGGAGTGAAGACTCAGA
 GCTGCCCCACAGACAGCTTCTGAGGGTCCAGGCGAGGGTCTGCAGACATTATCCCTCTCCAGCCACC
 ACTCCCCATGTGTTCCCAAAAAGGAGTGGGAAGGACAGGGCACCGCCTACGTGACATGCAGTGCCTATC
 AGAAGTCCAGGACTCTGAGATCAGCTTCCCTGCAGGCGTGAAGTGCATGTGCTGGAGAAGGTAGAAAG
 TGGGTGGTGGTACGTGAGGTTTGGGGAGCTGGAGGGCTGGGCTCCTTCCCACTATTTGGTCCCGAGGAG
 AACCAGCAGCCTGACCCAGATAGCAAAGAGCCAGACACAGTTAAGAGCACGCAGAACGAGGGCAAGTCGG
 ACAGCCTGGAGAAGATCGAGAAGCGTGTCAAGCGCTCAACACTGTGAACCAAGAGCAAGAGGGCCACCCC
 ACCCATCCCCTCTAAACCCCGGGGGCTTCGGCAAGACCTCGGGCACTGTAGCAGTGAAGATGAGGAAC
 GGCGTCCGGCAAGTGGCAGTCAAGCCCAATCTGTGTTTGTGTCTCCGCCACCAAGGACAACAACCTGT
 CCTGTGCCCTGCGGAGGAATGAGTCACTAACAGCCACTGACAGCGTTAGAGGTGTCCGAAGAACTCCTC
 CTTAGTACCGCACGGTCAAGCCGCTGAGGCCAAGGGCCGCTGGCAGAGCGGGCTGCCAGCCAAGGC
 TCAGAATCACCCCTGTGCCACCAACGTAATGGCATCCCTGTCTCCCCGTGCGTCTTAAGCCCATAG
 AGAGACAGCTGGCTTCCAGGAGGGGTGTCATGGAGGTGCTAGAGAGGAACCCCAATGGCTGGTGGTAC
 TGCCAGATTCTGGATGAGGTGAAGCCCTCAAGGGCTGGGTACCCTCAACTACCTTGAGAAGAAGAACT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107606
- Insert Size:** 3222 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_001107606.1](#), [NP_001101076.1](#)

RefSeq Size: 3373 bp
RefSeq ORF: 3222 bp
Locus ID: 309460
Cytogenetics: 1q54