

Product datasheet for **RN201539**

Sapcd2 (NM_001109418) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sapcd2 (NM_001109418) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sapcd2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201539 representing NM_001109418 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGTGGCAGCGATGGCCGGGCGTGGCCGCCTATCGCACGCTGCGCCGCGCCTAGCACGGAGGGGC
TACCGCGCGCCTTTCTCCAGAGTCTGCGCACCTCTTCGACATCCTGGACGACCGGCAGCGCGGTACGT
GCACCTGCGCGAGATCGAGTCCCGCTGGCAAGGTGCAGACGCACGCGAGCTGCCCTGCGGCGTGCTCGAG
GGCCTGCGCCAGGTAGCCCCGCCAATGGCTACCTGACCTTCGAGCGTTTCGTGGCGGGCTTGCGCACCT
CGCTCTGAACGCCGATGGAGGCCCGCGGGATCAGGCACGCGTCGCGGCCCGGCCTGGGGACCAATCATC
CCTGCAGCAGCGCCTGATGTTTCGCGCCGCTGATGAGCCGCGGACTGTCCTGGAGAGAAAGCCTCTGCCT
TCAAGTGCGCGCTCTGCTCCTGCTGGTCCCAGTGGCACCTCCCGAATCCTGAGCTGTTGTGTGCCGG
TGGAGGCGGCGCCTGCCCCACAGAGCCTGAGCGGCCCTGAGCAAGACGCTGGAGCGGATCCCCAGCGC
GGATTCGGGTACAACAGCCTGCAAGACCCTGGACTTGGGCACAGGTGAAGCCCGCAGACTCCGAGGGCC
CGAGGCGAGCGTCAAGGCATACCAATACCAACGGTGTGGACTGCAGCCTGTTGAAGCAAATGAAGGAAT
TAGACCAGGAACAGGAGGTGCTGCTGCAGGGTCTGGAGATGATAGCCCGGGCCGAGAGTGGTACCAGCA
GCAGCTGCAACGTGTACAGGAACGTACGCGCCGCTGAGCCAGAGCAGAGCTGCCCGCACCTTGGGGCT
GAAGGGAGCCCCGCCCTCTGGGAGGCTGCTGCCAAAGTACAGGAGGTAGCCCGGTGCTTGGGGAGC
TGTTGACAGCAGCCTGTTCTGGCAGAGTTCACCTCGTCTCCCTCAACCTCCCTCAACTCCAGT
CTGGCAGCAGCAGACCATCCTCATGCTGAAAGAACAGAACCGGTTCTCACTCAGGAGGTGACTGATAAG
AGCGAACGCATCACGAGCTGGAGCAGGAGAAGTCTGCACTCATCAAGCAGCTGTTTGAGGCCGAGCTC
TCAGCCAGCAGGATGCGGGCCCTCTGGACTCCACTTTCATC**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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ACCN:	NM_001109418
Insert Size:	1164 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:	<u>NM_001109418.2, NP_001102888.1</u>
RefSeq Size:	1581 bp
RefSeq ORF:	1164 bp
Locus ID:	680531
Cytogenetics:	3p13