

Product datasheet for **RN203911**

Sdcbp2 (NM_001025692) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sdcbp2 (NM_001025692) Rat Untagged Clone
Tag: Tag Free
Symbol: Sdcbp2
Synonyms: MGC116231
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203911 representing NM_001025692
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTGTCTGTACCCATCTCTGGAGGATCTGAAGGTGGCCAAGTCATCCAGGCCAGGCCAGAGCCT
CACCCATGATGCCACTGTGATGCCACTCTGCCAGCTTCGATGGCCTCTGCACCCCACTCTCAGAGCT
GTATCCAAACCTAGCAGAACTGAAAGTTATATGGGACTGTCCCTCTAGCCAAGAAGTTCAGAAGAAT
CTGTCTCAGATCCAGATGGTGACAATATGGTGATCACTAGCCCTGGACCTGGCCAGGTGACAGCGCCAG
TATCTGGGAACGACCTAGGTGTCCTGCGTGCAGAGATCAAGCCTGGTGTGCGAGAGATCCACCTGTGCAA
GGATGAGCGGGGCAAGACTGGACTGCGTCTGCAGGCTGTTGACAAGGGGCTCTTTGTGCAGCTGGTCCAG
GCCAACACCCAGCATCCCTTGTGGGATTGCGCTTTGGGGACCAGATCCTGCAGATCGATGGCTGTGACT
GTGCTGGGTGGAGCACACAAAGCTCAGAAAGCATTGAAGAAGGCATCAGCAGAGAAGATCGTCATGGT
TGTACGGGACAGGCCGTTCCAGCGGACTGTCACCATGCACAAAGACAGCTCAGGTCAAGTTGGCTTCTTC
ATCAAAAAGGGGAAGATTGTCTCTGTGGTCAAGGGAAGCTCTGCAGCCCGCAATGGACTTCTAACGAACC
ACTACGTGTGTGAGGTGAACGGACAGAAGCTCATTGGGCTAAAGGACAAAAAGATTATCGAGATTCTGAC
CACAGCTGAAAATGTTATCACACTGACCATCATCCCCTGTGATTTACGAGCATATGATCAAAAAGTTG
TCTCCATTGCTGCTTACCACACCATGGACCACTCCATTCCAGACACCT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025692
Insert Size: 891 bp



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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_001025692.1</u> , <u>NP_001020863.1</u>
RefSeq Size:	1444 bp
RefSeq ORF:	891 bp
Locus ID:	311532
UniProt ID:	<u>Q4KLN0</u>
Cytogenetics:	3q41
Gene Summary:	Binds phosphatidylinositol 4,5-bisphosphate (PIP2). May play a role in the organization of nuclear PIP2, cell division and cell survival.[UniProtKB/Swiss-Prot Function]