

Product datasheet for **RN213460**

Smarcd1 (NM_001108752) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smarcd1 (NM_001108752) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smarcd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213460 representing NM_001108752
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCCGGGCGGGTTTCCAGTCCGTGGCTCCGAGCGCGGGCGGGAGCCTCAGGAGGAGCGGGCG
 TGGCGGCTGCTCTGGGCCCGGGCGGAACCTCCGGGCTCCCGTGCGAATGGGCCCGCGCCGGTCAAGG
 GCTGTACCGCTCTCCGATGCCCGGGCGGCCTATCCGAGACCAGGTATGCTGCCAGGCAGCCGAATGACA
 CCTCAGGGACCTTCCATGGGACCTCCTGGCTATGGGGGAACCCCTCAGTCCGACCTGGCCTGGCCAGT
 CAGGGATGGACCAATCCCGCAAGAGACCTGCACCTCAACAGATCCAGCAGGTCCAGCAGCAGGCGGTCCA
 AAATCGAAATCACAATGCAAAGAAAAAGAAGATGGCTGACAAAATCTACCTCAGAGGATTCGGGAATTG
 GTACCGGAATCACAGGCCTACATGGATCTCCTGGCTTTTGAAGGAAACTGGACCAGACTATTATGAGGA
 AACGCCTGGATATCCAGGAGCCTTGAAGCGGCCATCAAGCAAAAACGGAAGCTGCGGATTTTCATTTT
 TAACACATTCAATCCGGTAAGTCGGATGCCGAGGACGGGAAGGACTGTGGCTTCTGGGAGCTCCGG
 GTAGAAGGACGGCTCCTGGAGGATTCAGCCTTGTCCAAATATGATGCCACCAAGCAAAAGAGAAAGTTCT
 CTTCTTTTTTAAAGTCTTGGTATCGAACTGGACAAAGACCTCTATGGGCCAGACAACCATCTGGTAGA
 ATGGCACAGGACCGCCACTACCCAGGAGACAGACGGCTTCCAGGTGAAGCGACCAGGAGATGTGAATGTA
 CGGTGCACTGTCTGCTGATGCTGGATTACCAGCCCCCAGTTTAAATTAGACCCTCGCCTGGCTCGCC
 TCTTGGGCATCCACCCAGACAGTCCAGTGATCATCCAGGCACTGTGGCAATATATTAACACATAA
 GCTCCAGGACCTCACGAGCGAGAGTTTGTATCTGTGACAAGTACCTCCAGCAGATCTTTGAATCTCAG
 CGGATGAAGTTCTCAGAGATCCCTCAGCGGCTGCATGCCCTGCTCATGCCACCAGAACCCATCATCATT
 ATCACGTCATCAGTGTGACCCAAATGACCAGAAAAAGACGCGTGTACGACATTGATGTGGAAGTGA
 TGACACTTTGAAGACCCAGATGAACTCTTCTGCTGTCCACTGCCAGCCAGCAGGAGATCGCTACTCTA
 GACAACAAGATCCATGAGACAATAGAACTATCAACCAGCTGAAGACCCAACGAGAGTTCATGCTGAGCT
 TTGCCGAGACCTCAGGGTTTCATCAATGATTGGCTTCAATCCAGTGCCGGGACCTCAAGACAATGAC
 TGATGTGGTGGTAATCCGGAAGAGGAGCGCCGAGCTGAGTTCTACTTCCAGCCTTGGGCCAGGAGGCC
 GTGTGTCGATACTTCTACTCCAAGTGCAGCAGAGGCGGCAAGAATTAGAGCAAGCCCTGGGAATCCGAA
 ACACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001108752
- Insert Size:** 1548 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_001108752.1](#), [NP_001102222.1](#)

RefSeq Size: 3068 bp

RefSeq ORF: 1548 bp

Locus ID: 363002

Cytogenetics: 7q36