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Product datasheet for RN213211

Smarcc1 (NM_001106861) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Smarcc1 (NM_001106861) Rat Untagged Clone

Tag: Tag Free

Symbol: Smarcc1

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>RN213211 representing NM_001106861
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCACGACAGCGGGTGGTGGTCCGGGAGCAGCAGCAGGCGCCGTGGGTGCAGGGGGTGCGGCGGCGG
CCTCCGGGTTGGCCGTGTACCGGAGGAAGGACGGGGGCCCGGCCAGCAAGTTTTGGGAGAGCCCGGACAC
GGTGTCCCAGCTAGATTCGGTGCGAGTCTGGCTGGGCAAGCACTACAAGAAGTATGTTCATGCGGATGCG
CCTACCAATAAAACACTGGCTGGACTGGTGGTGCAGCTTCTGCAGTTCCAAGAAGATGCCTTTGGGAAGC
ATGTCACCAACCCAGCTTTCACCAAACTACCTGCAAAATGTTTCATGGATTTCAAAGCTGGAGGCACCTT
GTGTCACATTCTTGGGGCTGCTTACAAGTACAAAAATGAACAGGGCTGGCGCAGATTTGACCTGCAGAAC
CCATCGCGAATGGACCGTAATGTTGAGATGTTCATGAACATCGAGAAAACATTGGTACAGAACAACTGTC
TGACTAGACCTAACATCTACCTCATTCCAGACATTGATTTGAAGTTGGCTAACAAGTTGAAGGATATCAT
CAAACGGCATCAGGGGACGTTTACTGATGAGAAGTCAAAAGCTTCCCACCATATTTACCCATACCCTTCC
TCTCAAGAGGACGAGGAGTGGCTGAGGCCAGTGATGAGGAGAGACAAGCAGGTGCTGGTGCACTGGGGCT
TCTACCCTGACAGCTATGACACATGGGTCCATAGTAATGATGTTGATGCTGAAATTGAAGATGCACCAAT
CCCAGAAAAGCCATGGAAGGTTCATGTGAAATGGATTTTGGACACTGATGTTTTCAATGAATGGATGAAT
GAAGAGGATTATGAAGTGGATGAGAACAGAAAGCCAGTGAGTTTTCGTCAACGAATTTCAACAAAGAATG
AAGAGCCAGTCAGAAGTCCAGAAAGGAGAGAGAGGAAAGCATCCGCCAATGCTCGCAAGAGGAAGCATTC
CCCTTCTCCTCCTCCTCCTACAGCCACGGAGTCTCGGAAGAAGAGTGGGAAGAAAGGACAAGCTAGTCTC
TATGGGAAGCGTCGAAATCAGAAGGACGAGGATGAGCAGGAAGATCTTACCAAGGACATGGAAGACCCAA
CCCCTGTCCCCAACATAGAGGAAGTGCTTCTCCCGAAGAACGTAAACCCAAAGAAGGACAGTGAAAACAC
ACCAGTTAAAGGAGGCACGGTGGCAGATCTAGATGAGCAGGATGAAGAAGCCGTTACAACAGGAGGAAAG
GAAGATGAAGATCCCAGCAAAGGTGATCCGAGTCGTTCAGCTGACGCAGGTGAAGACAATGTGACAGAAC
AGACCAATCACATCATTATTCCCAGCTACGCTTCCTGGTTTGATTATAATTGTATTCATGTGATTGAACG
GCGTGCGCTTCCCGAGTTTTTTAATGGAAAAAACAAATCCAAGACTCCTGAAATATACTTGGCATATCGA
AATTTTATGATTGATACATACCGTCTAAATCCTCAAGAATATTTAACCAGCACTGCTTGTCGGCGAAACC
TGACTGGAGATGTGTGTGCTGTGATGAGGGTTCATGCCTTCTTAGAGCAGTGGGGTCTTGTTAACTACCA
AGTTGATCCAGAAAGTCGACCCATGGCAATGGGACCTCCTCCCACTCCTCATTTCAATGTGTTAGCTGAC

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ACACCCTCTGGGCTCGTGCCTCTGCATCTTCGATCACCTCAGGTCCCTGCTGCTCAACAGATGTTAAATT
TTCCTGAGAAGAACAAGGAGAAACCAATTGATTTGCAGAACTTTGGTCTTCGAACTGACATTTACTCCAA
GAAAACACTGGCAAAGAGTAAAGGAGCTAGTGCCGGAAGGGAGTGGACAGAACAGGAGACCCTTCTTCTC
CTAGAGGCTCTGGAGATGTACAAGGATGATTGGAATAAAGTCTCGGAACATGTTGGAAGCCGTACTCAGG
ATGAATGCATCCTCCACTTTTTGAGGCTTCCCATTGAGGACCCATACCTTGAAAATTCAGATGCTTCTCT
TGGGCCACTAGCTTACCAGCCTGTCCCTTTCAGCCAGTCAGGAAACCCCGTGATGAGTACTGTTGCCTTT
TTAGCATCCGTGGTTGACCCTCGAGTAGCATCAGCTGCAGCCAAAGCAGCTTTGGAGGAGTTTTCTCGTG
TCCGAGAAGAAGTACCCCTGGAATTGGTGGAAGCGCATGTCAAGAAAGTACAGGAAGCTGCAAGAGCCTC
TGGGAAGGTGGATCCTACCTACGGCCTGGAGAGCAGCTGCATTGCAGGCACCGGGCCCGATGAGCCGGAG
AAGCTTGAAGGGTCTGAAGAAGAGAAGATGGAAACAGATCCTGATGGTCAGCAGCCTGAAAAGGCAGAAA
ACAAAGGGGAAAATGAATCGGATGAAGGGGATAAAATACAAGATGGAGAGAATGAGAAAAACAGCGAGAA
GGAACGAGATAGTGACACCAGTGAGGACGTCAAGCCAGAAGAAAAGGAGAATGAAGAGAACAAAGAGCTC
ACTGATACATGTAAAGAAAGAGAAAGCGATACCGGGAAGAAGAAAGTGGAGCACGAGATTTCTGAAGGAA
ATGTTGCCACAGCCGCAGCAGCTGCTCTGGCCTCAGCTGCTACCAAAGCCAAGCACCTGGCTGCTGTCGA
AGAAAGAAAGATCAAATCCCTGGTGGCTCTCCTGGTTGAGACACAGATGAAGAAGCTAGAGATCAAACTT
CGACATTTTGAAGAGCTGGAGACTATTATGGACAGAGAGAAAGAGGCTCTAGAACAACAGAGACAGCAGT
TGCTTACTGAACGTCAGAACTTCCACATGGAGCAATTGAAATATGCTGAACTGCGTGCTCGGCAGCAGAT
GGAGCAGCAGCAGCACGGCCAGCCACCTCAGCAAGCACACCAGCACCCGGGAGGACCGGGGCTGGCCCCA
CTTGGGGCAGCAGGCCACCCAGGCATGATGCCTCATCAGCAGCCCCCTCCATACCCCATGATGCACCATC
AGATGCCACCACCCCATCCTCCCCAACCAGGTCAAATACCAGGCCCTGGCTCCATGATGCCTGGGCAACC
TATGCCAGGTCGCATGATTCCCACCGTGGCAGCCAACATTCACCCTACTGGGAGTGGCCCTACCCCTCCC
GGTATGCCTCCAATGCCCGGAAACATCTTAGGACCCCGGGTACCCCTCACAGCACCAAACGGCATGTGGT
TACATCAGAGACTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001106861
Insert Size:	3237 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_001106861.1, NP_001100331.1
RefSeq Size:	3670 bp
RefSeq ORF:	3237 bp

Locus ID:	301020
Cytogenetics:	8q32