

Product datasheet for RN210465

Smarca2 (NM_001004446) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smarca2 (NM_001004446) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smarca2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210465 representing NM_001004446 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCACACCCACAGACCCAGCTGCAATGCCCATCCTGGGCCCTCCCGGGCCCTGGACCTTCTCCTG
GACCAATTCTGGGGCCTAGTCCAGGACCAGGACCGTCCCAGGTTCTGTGCACAGTATGATGGGGCCAG
TCCTGGACCTCCCAGTGTCTCACATCCTATGTCGACAATGGGCTCGGCAGACTTCCACAGGAAGGCTTG
CACCAGCTGCATAAGCCCATGGATGGGATACATGACAAGGGGATTGTAGAAGGTGCCACTGTGGATCCA
TGAAGGGTACCAGTATGCGCCACCACACCCAGGAGTGGGCCCTCCACAGAGCCCAATGGATCAGCACAG
TCAAGGTTATATGTCACCACATCCATCTCCTTTGGGAGCCCCAGAGCATGTCTCCAGCCCTATATCTGGA
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TGAACCAGCCTGACAGAGGTCCCTCGCCTTTAGTCTGTACAGCTGCATCAGCTTCGAGCTCAGATTTT
AGCTTACAAAATGTTGGCCAGGGGCCAGCCCTCCCTGAAACTCTGCAGCTTGCAGTCCAGGGAAAAAGG
ACCTTGCCTGGTATACAACAGCAACAGCAGCAGCAGCAACAACAACAGCAGCAGCAACAACAGCAGC
CCCAGCAGCCCCAGCAGCCTCAGCAGCAGACAGGCACAGCCACAGCAGCAGCAACAGCAGCAGCAGCA
GCCGCCAACTCTTGTTAGCTACAATAGACCATCTGGCCCTGGGCAGGAGCTGCTGATGACTGCTCAGAAC
ACCCAGCGGAAGCTGTCCGCACCCGACCCAGCGGCCGACCTTCACTGCACCTCCAGCGGCTACCCAGC
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GCTGCAACAGAAGCAGAGCCGCATCAGCCCCATCCAGAAACCGCAAGGCCTGGACCCCGTGGAGATCCTG
CAGGAACGGGAGTACAGACTTCAGGCTCGCATAGCTCATAGGATACAAGAACTGGAAAGTCTGCCTGGCT
CCTTGGCCACCAGATTTACGAACCAAGCAACCGTAGAGCTGAAAGCACTTCGCTTGCTCACTTTCAACG
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TGGCTGAAGATGAAGAGGGCTACAGGAAGCTCATCGACAAAAGAAAGACAGACGCTGGCTACCTATT
GCAGCAGACTGATGAGTATGTCGCAATCTGACCAACCTGGTTTGGGAGCACAAGCAGGCCCAAGCAGCC



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AAAGAGAAGAAGAAGAGGAGGAGGAGGAGGAAGAAGGCCGAAGAGAATGCAGAGGGAGGGGAGCCTGCC
 TGGGACCAGATGGAGAGCCAATAGACGAAAGCAGCCAGATGAGCGACCTGCCTGTCAAAGTGACGCACAC
 GGAAACTGGCAAGGTCTCTTTGGACCAGAAGCACCCAAAGCAAGTCAGCTGGACGCCTGGCTGGAGATG
 AATCCTGGTTACGAAGTGGCACCAGATCGGACAGTGAAGAGAGTGAATCAGACTATGAGGAAGAGGATG
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 GAAGAAAGAGGTTGAGTCTCAGCTTCCAGAAAAGGTTGAGTATGTGATCAAGTGTGATATGTCGCTCTG
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 GAGCTGTATCGGGCCTCAGGAAAGTTGAGTCACTCATGACCATCATGGAGGATTACTTTGCTTTTCGGAA
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 CCGCAGACACTGTGGTCACTTTGACAGCGACTGGAATCCTCATCAGGATCTGCAGGCCAAGACCGAGC
 TCACCGCATTGGCCAACAAAATGAGGTCCGGGTGCTGAGGCTTTGCACCGTCAACAGTGTGAGGAAAAAG
 ATTCTCGCGGCTGCCAAGTACAAGCTGAATGTGGACCAGAAGGTTATTGAGGCGGCATGTTTGACCAGA
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 AAGATGAGCTGCCCTCCTGGATAAATTAAGGATGATGCTGAAGTGGAAAGGCTCACCTGCGAAGAGGAGGA
 GGAGAAGATATTTGGGAGGGGCTCTCGACAGCGCCGGATGTGGACTACAGCGATGCCCTCACCGAGAAG
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 CCCCCAGCTGAGAAGTTGTACCAAATCCCCCAAACCTGACGAAGCAGATGAACGCCATCATTGATACT
 GTGATAAACTACAAGGACAGGTGTAACGTGGAGAAGGTGCCCTGTAATTCAGTTGGAATAGAAGGAA
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 CTGGGAGACCTGGAGAAAAGATGTCATGCTTCTGTGACAAATGCACAGACATTCAACTTGAAGGATCCC
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 TCTGTGAAGGTGAAAATCAAACCTGAATAAAAAGGAAGAGAAAGCCGGGATACAGGGAAGGGCAAGAAA
 GGCCAAACCGAGGCAAAGCCAAACCTGTTGTGAGCGATTTTACAGCGATGAGGAGCAGGATGAGAACGA
 ACAGTCAGAAGCAAGTGGGACTGACGACGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001004446

Insert Size:	4794 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:	<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_001004446.1</u> , <u>NP_001004446.1</u>
RefSeq Size:	5928 bp
RefSeq ORF:	4794 bp
Locus ID:	361745
Cytogenetics:	1q52
Gene Summary:	mouse homolog plays a role in regulation of cell proliferation [RGD, Feb 2006]