

## Product datasheet for **RN201058**

### **Smarca5 (NM\_001107419) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Smarca5 (NM_001107419) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smarca5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201058 representing NM\_001107419  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGAAGTATTTGATGATGGATCACCTGAAAAGCAAAAAGAAATCCAAGAACCTGATCTCATATG  
 AAGAAAAATGCAAAGTACCGAGCAAATAGATTTGAGTATTTATTAAAGCAGACAGAGCTGTCGCACA  
 TTTCAATCAGCCTGCTGCTCAGAAGACTCCAACCTCACCTTGAAGATGAAACCAGGCGCCACCGGTA  
 AAAAGGATGAAAAACAGAAATTTGCTTTTCGGTTGGAGACTACCGACATCGTAGAACAGAGCAAGAGGAGG  
 ATGAAGAGCTATTAACAGAAAGTTCAAAGCAACCAATGTTTGTACTCGATTTGAAGATTCTCCATCATA  
 TGTAATAATGGGGTAAACTGAGAGATTATCAGGTCAGGATTGAATTGGCTCATCTCTGTATGAGAAAT  
 GGCATCAATGGTATCCTTGACAGATGAGATGGGTTTGGGAAAGACTCTGCAACAATTTCTCTTTGGGT  
 ACATGAAACACTATAGAAATATTCCTGGTCTCATATGGTTTTGGTTCCCAAGTCTACATTGCACAACCTG  
 GATGAGTGAATCAAGAGATGGGTGCCAACACTTAGGTCGTTTTGCTTGATAGGAGATAAAGAGCAAAGA  
 GCTGCATTTGTCAGGGATGTTCTATTACAGGAGAGTGGGATGTATGTGTACATCTTATGAAATGCTTA  
 TTAAGAGAAGTCTGTGTTCAAAAAATTTAACTGGAGATACTTAGTTATAGATGAAGCTCACAGGATAAA  
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 AAAGAAGTAAAAATCTATGTGGGCTTAGCAAAATGCAAAGGGAATGGTATACTCGGATTAATGAAAG  
 ACATAGACATACTGAACCTCAGCAGGGAAGATGGACAAGATGAGACTGTTGAACATCTTGATGCAGCTGAG  
 GAAGTGCTGTAACCACTTATCTCTTTGACGGGCTGAGCCTGGGCCTCCCTACACCACAGATATGCAT  
 CTGGTTACCAACAGCGGCAAGATGGTGGTGTGGACAACTGCTCCCTAAATTAAGAACAAGGTTCAA  
 GAGTACTAATCTTTAGTCAGATGACAAGGGTATTAGACATTTTGGAAAGATTATTGCATGTGGAGAAATTA  
 TGAGTACTGCAGTTGGATGGACAGACACCCCATGATGAGAGACAAGACTCCATTAATGCATACAATGAA  
 CCAATAGCACCAAGTTGTATTTATGCTAAGCACAGTGTGGTGGTCTGGGCATCAACCTTGCAACTG  
 CTGATGTAGTAATTTTATGATTCAGATTGGAATCCTCAAGTTGATCTTCAGGCTATGGACCGAGCACA  
 TAGAATGGACAAACGAAGACTGTTGAGTGTCCGCTTTATAACTGATAACACTGTGGAAGAAAGAATA  
 GTAGAAGTGGCCAGATGAAGCTCAGACTGGATTCCATCGTAATTAACAAGGGAGGCTGTAGATCAGA  
 ACCTGAACAAAAATGGGAAAGATGAAATGCTTCAAATGATTCGACATGGTGCCACACATGTGTTTGCTC  
 AAAAGAAAGTGAATCACTGATGAGGATATTGATGGTATTTTGGAAAGAGGTGCAAGAAGACTGCAGAA  
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 TTTATACTTTGAAGGAGAAGACTATAGAGAAAAACAAAAGATTGCATTCACAGAGTGGATTGAACCACC  
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 TGATCTACCCAATGCAGCACAGGCACAGAAGGAGCAGCTTAAAATCGACGAAGCAGGGCCCTTAAT  
 GACGAGGAGTTAGAGGAAAAAGAGAAGCTTCTGACTCAGGGTTCACTAATTGGAATAAGAGAGATTTTA  
 ACCAGTTTATCAAGGCTAATGAAAAGTGGGGTCCGCGATGATATTGAGAACATAGCCAGAGAAGTAGAAGG  
 GAAAACTCCAGAAGAAGTCAATGAGTACTCAGCTGTGTTCTGGGAAAGATGCAATGAGCTCCAGGACATA  
 GAGAAGATTATGGCTCAGATTGAAAGGGGAGAGGCAAGGATTCAAAGAAGAATAAGTATCAAGAAAGCAC  
 TAGATACAAAGATTGGACGGTACAAAGCACCTTTCCCAACTAAGAATATCGTATGGTACTAACAAAGG  
 GAAAAACTACACGAAGAAGAGGACCGCTTTCTCATTGATGCTTCACAAGCTTGCTTCGACAAGGAA  
 AATGTTTATGATGAGTTACGACAATGCATCCGAAACTCCCCTCAGTTCAGATTTGATTGGTTTCTCAAGT  
 CCAGAAGTGCATGGAGCTCCAGAGGAGGTGTAATACCTTAATTACTTTGATTGAAAGGGAAAAATATGGA  
 ACTAGAAGAAAAGGAGAAGGCAGAGAAAAAGAAAAGAGGACCAAGCCTCCACACAGAAACGTAAGATG  
 GATGGTGGCCCTGATGGCCGAGGAAGAAAAAGAGCTGAAACT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001107419
<b>Insert Size:</b>	2988 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001107419.1</a></u> , <u><a href="#">NP_001100889.1</a></u>
<b>RefSeq Size:</b>	4168 bp
<b>RefSeq ORF:</b>	2988 bp
<b>Locus ID:</b>	307766
<b>Cytogenetics:</b>	19q11