

## Product datasheet for **MC210916**

### Smco2 (NM\_027059) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Smco2 (NM\_027059) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Smco2  
**Synonyms:** 1700023A16Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210916 representing NM\_027059  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGTCTCTGCAGTTGGGGACAGCTGGGAAGGAACGTCAGCTGGCTGAGAAGAGCCGTGATCTCCAAA  
ATGTCAGCATGACCGAAGTTTCGGAGGAAGTTTCGGAAATGGACCACATCTCAGACAGACCAGATGAAAA  
AGACAAACCTTCTGAAAACCTACAAACCGATTCCCTTTATAAGATGGACTGAAAAATGGGATGGGTTG  
GAGCAGGAGTCCGAGCACAGCCAGGACCCACCAAGCAAACCCGATGAGCAAGAAGTACTAGTTTGCG  
AGGGCCCTCAAGTGTCTCAGCTGTACCGTCTACGGATGAGAGCACCCCGATCCCAGAGAGCTTGACCCA  
CAAGCTGAACTACTGGCATGCAAAGATGGGTCTCCAAATGAAAGAACTCGGAGCCGACCAGGTGACTGG  
TTGGAGAGAATCAACAACATTATACAAAATATAAATAATACAGAAAGCACGGTGAAGAGCTTGCTAACCG  
AGGTTATATCCCTGAAAAACAGTCTAAAAATCTGGAGGACTCTGATCAGGAGGCAGACATTGAGGAGAA  
GATCACAGAAATTAGAAGCAATTAAGGAAGTGAACATCAAGTTGACTCAGGTCGATGCTTGCGAAGAA  
GCCCCGTAATTGAAGGAGAAGCTTGTGAACAGATAGAGAGCTTCCATAAGGAAATGAATGTCTTGAACA  
GTAAGCTGGAGATGTAACACGCAAGGATCGGATGCGGACTCCATAACTCTGAAGACGTGGACACCGGA  
GCAAGAAGAGCCCTGGTTCCCGAGGCTTCTCCGAGCCTGTGAGCATCACCCACTCCCCCTGCAGTGCC  
GTGTGGAAGAACGCACTGAAGCTGTTCTCATAGTCTACGTGGTACCATCACTGGACTGTCGTGTACATA  
TACTGTTTGTGGACGCCACGTTTCTCTTCGAAAGGGTGTGCCAGCGTGTGGGACCCGACCATGTG  
GGATCTTCGGGAGATGATGGCGCTTCTTGAATTTAGAAGCAGAAGACTTGTTACCGTCC**TAA**

**ACGGT**ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_027059



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<b>Insert Size:</b>	1044 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_027059.1</a></u> , <u><a href="#">NP_081335.1</a></u>
<b>RefSeq Size:</b>	1268 bp
<b>RefSeq ORF:</b>	1044 bp
<b>Locus ID:</b>	69371
<b>UniProt ID:</b>	<u><a href="#">Q9DA21</a></u>
<b>Cytogenetics:</b>	6 G3