

## Product datasheet for RN211289

### Smap2 (NM\_001100669) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Smap2 (NM\_001100669) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Smap2  
**Synonyms:** RGD1308418; Smap1l  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN211289 representing NM\_001100669  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACAGGCAAGTCGGTGAAGGACGTGGATCGGTACCAGGCGGTCCTGGCCAACCTGCTGCTGGAGGAAG  
 ATAACAAGTTCTGTGCTGACTGCCAGTCCAAGGGCCGAGATGGGCTCCTGGAACATCGCGGTGTTTAT  
 CTGCATTCGGTGTGCTGGAATCCACAGGAATCTGGGGTGCATATATCCAGGGTAAAATCAGTGAACCTC  
 GACCAGTGGACTCAAGAACAGATTCAAGTGCATGCAAGAGATGGGGAATGAAAAGCAAACCGACTCTATG  
 AAGCCTACCTTCTGAGACCTTTCGGCGACCTCAGATAGACCCAGCTGTTGAAGGATTTATTCGAGATAA  
 ATATGAGAAGAAGAAATATATGGACCGAAGTCTGGACATCAATGTCTTAGGAAAAGAGAAGGATGATAAG  
 TGGAAACGAGGAAGTGAAGCCTGCTCCAGAGAAAAAGATGGAACCCGTTGTCTTTGAGAAAGTAAAAATGC  
 CACAGAAAAAGAAGACGCACAGCTACCTCGGAAAAGCTCCCGAAAATCCGCAGCCCTGTGATGGACTT  
 GTTGGCCTTGATGCTCCTGTGGCCTGCTCTATTGCAAACAGTAAAGACCAGCAATGCCCTAGAAAAGGAT  
 CTAGATCTTTGGCCTCTGTTCCATCCCCTTCTCAGTTTCCAGAAAGGCTGTAGGTTCCATGCCAACTG  
 CCGGGAGTGTGTTCTGTCCCTGAAAACCTGAACCTATTTCCAGAGCCGGGGAGCAAGTCAAGAAAGAA  
 AGGCAAGAAACAGCTCTCAAGGACTCCATCCTGTCACTGTATGGATCCCAGACGCCTCAAATGCCTGCC  
 CAAGCAATGTTTCATGGCTCCTGCTCAGATGGCATATCCCACAGCGTACCCAGCTTCCCTGGGGTTACAC  
 CACCTAACAGCATCATGGGGAGCATGATGCCCCACCAGTCGGCATGGTAGCTCACCCAGGAGCCTCTGG  
 AATGGTCACCCCATGGCCATGCCCGCAGGCTATATGGGGGCATGCAGGCTTCCATGGCGGGCGTGCCG  
 AGCGGGATGATGACCACTCAGCAGGCGGCTACATGGCGAGCATGGCAGCCATGCCCCAGACTGTGTACG  
 GCGTTCAGCCAGCTCAGCAACTGCAGTGAACCTCACTCAGATGACCCAGCAGATGGCTGGGATGAACCT  
 CTACGGAGCCAACGGCATGATGAGCTATGGACAGTCAATGGGCGGTGAAATGGCCAGGCAGCCAATCAG  
 ACTCTCAGTCCTCAGATGTGAAAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001100669
<b>Insert Size:</b>	1287 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_001100669.1</a></u> , <u><a href="#">NP_001094139.1</a></u>
<b>RefSeq Size:</b>	2875 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	298500
<b>Cytogenetics:</b>	5q36