

## Product datasheet for **RN202346**

### **Smpd1 (NM\_001006997) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Smpd1 (NM_001006997) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smpd1
Synonyms:	MGC94748
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN202346 representing NM\_001006997  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCCCACCACGGAGCGTCATCCGGCCAGGGCCATCTCAGAGCCGGCTGGGAGCAGAGACTGGAGAGGT  
 CCTTACCGGCACCCAAATTGGGACTCCTTTGGATGGGGCTGGGCTTGGCTCTGGTCTGGCTCTGTTTGA  
 CTCCACGGTTCTCTGGGTTCTGCCAGAGCTTATCCTCTTCCCTCCCAAGGCCATTCTGTCAAATTCAGT  
 GCGGTAGCGCCGACGCTCCAGAATGCCTTTGGGTGGAGGAACCTCACCTGCCCGCCTGCAAAGTCTTAT  
 TTAAGTCTCAACTATGGGCTGAAGAAGGAGCCCAATGTGGCACGAGTAGGCTCTGTGGCCATCAAGAT  
 GTGCAAGATGCTGAACATAGCGCCACTAAATGTGTGCCAGTCAGCTGTTTCATCTCTTTGAGGACGATGTG  
 GTGGACGTGTGGACACGCTCAGTCTGAGCCCTCAGAAGCTTGTGGCTTGTCTTGGGCTCCTCTGTG  
 GGCCTGGGACATCTTTCAACTTGAACATCTCTTTGCCATCAGTGCCGAAGCCACCCCAAGCCACC  
 GAGCCCACCAGCCCAGGTGCCCTGTGAGCCGTGCTCTTCCCTTACTGACCTTCACTGGGACCATGAC  
 TACCTGGAGGGCAGACCCCTAACTGTGAGATCCCTCTGCTGCCGAGGGGTCTGGATGGCCGCCCA  
 ACTCACGGACAGGGGCTGGGTAAGTGGGAGAGTACAGCAAGTGTGACCTGCCCTGCGAACGCTAGAGAG  
 CCTGTTGAAAGGGCTGGGCCCGCCGGCCCTTTTGAATGGTGTACTGGACAGGAGACATCCCTGCCCAT  
 GATGTCTGGCAACAGTCTCGACAAGATCAGTAAGGGCCCTGAACACCATCACAGACCTCGTGTGGAAGT  
 TCTTGGGCCCTGTACCGGTGTACCCTGTGTGGCAACCATGAGAGTACTCCTGTCAATGGCTTCCCTCC  
 CCCCTTCAAAGGAAACAGTCTTACAATGGCTTTATGAAGCCATGGCAAGGCATGGGAACCCCTGG  
 TTACCAGCTGACGCCCTCACACCCTCAGAATTGGGGCTTCTATGCCCTCACCCACGCCCTGGCCTCC  
 GCCTCATCTCTCAATATGAATTTTTGTTCCCGTGAGAACTTTTGGCTTTGATCAACTCCACAGATCC  
 TGCTGGCAACTCCAGTGGCTGGTGGACGAGCTTCAAGGCTGCTGAGAATCGAGGAGACAAAGTGCAATATA  
 ATTGGGCACATTCCTCCAGGACATTGCCTCAAGAGCTGGAGTTGGAATTTACAAAATTATAGCCAGT  
 ATGAAAACACTCTGGCTGGTCAGTCTTTGGCCACACTCATGTGGATGAGTTTGGATCTTCTATGATGA  
 GGAAACTCTGAGCCGCCACTAGCCGTAGCCTTCTGGGACCCAGTGTACCACCTTTATCAACCTTAAT  
 CCTGGCTACCGAGTTTACCAAATAGATGGAACTACCCGGGAAGCTCTCATGTGGTCTGGACCATGAGA  
 CCTACATCTGAATCTGACCCAGGCCAATGCGCCGGGGGACGCCAGCTGGAAGCGGCTCTACAGGGC  
 TCGGGAAACCTATGGACTTCCAGATGCGATGCCTGCCTCTGGCACAACCTGGTCTACCGCATGAGGGCT  
 GATGAGCAGCTTCCAGACCTTCTGGTTCTCTACCATAAGGGCCACCCACCTTCAAGCCCTGCGGCA  
 CACCCTGCCGCTGGCCACTCTGTGTGCCAGCTCTCAGCACGTGACAGACAGCCCTGCTCTGTGTGCCA  
 CTTGATGCCCAATGGGAGCCTCCAGATGCCATAGCTTGTGGTACGGCCCTGCTGTGCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001006997
- Insert Size:** 1884 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\\_001006997.1](#), [NP\\_001006998.1](#)

**RefSeq Size:** 2334 bp

**RefSeq ORF:** 1884 bp

**Locus ID:** 308909

**Cytogenetics:** 1q32