

## Product datasheet for **MC200163**

### Smagp (NM\_001033872) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Smagp (NM\_001033872) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Smagp  
**Synonyms:** MGC7903  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC004728 sequence for NM\_001033872  
 CGCTGCGCGGAAGCCCGAGCCCGCACTCGGCCGCGCGCCTGCGACCTGACCCGCACGGGTACTGCG  
 CGGCTGCAGGGACACTCGACGGCCAGGGCGGGCCCGGGGCACGCGGGATCCCCGGGAGCGGGCGCA  
 CCCAGCGGACGGCTCGGGGGGCTCCTGGCCCTGGAAGCCAGATCTGACCCTACGAAATAGCCTGCCCT  
 CAGCAACGATGAACAACCTACCGGCCACACCTTCTCCTGAAGAATTGATGACCACGCCGGTTTTTCAGGC  
 CCCTGAGACCCTGTCCCCACAAGCTGAAGAGGCCAGCACAGCGCTCATTGCAGTTGTTATCACCGTGGTG  
 TTCCTCACCTGCTCTCGGTGGTGACCTTGATCTTCTTTCACTTGTACAAGAACAAGGCAGCTACGTCA  
 CCTATGAGCCTGCAGAAGGGGAGCCAGCGCCATCCTCCAGATGGAGACTGACTCAGCCAAGGGCAGAGA  
 GAAGGAAGAGTACTTCTAATGCTTCCCAGGCTGGAGGGCCAATTCTTGGCTCCAACACTAAGCCGC  
 TGCTCTGTAGTTAGGGAACGTTTGTCTAAAGCCAGGGAGTGGCGTTGGGTGATACTGGCACATCCACT  
 CACCTCCCAGGACACAGCCCCAATACCGGAATCACTGACTCCAGGGTCCAGAGACACGGAGAAAGCTGT  
 TCATGATGCTGGCCTTGATAAGGACAGTGTCTGAAACCGACCACCAAAGAGGGGCCATGCCTGAGTTGG  
 AAGTGAGGTCACATGCTGGTCCACTTTGTCCCCTCCCTAGTTGACGACCAATAGCCCCAGTCAGTGTAT  
 CCAGTCTTTTGGAGGCAGGACACCACAGGGAGGGGTGAGACCAGGGAGGGGATAGGAGTCTGAGAATGT  
 TACTGCCTTTGTTGATCTGAGCCCCACTGTTCCCAATCAGCCTCAAACCTTCTACTGTTTTTATCCTAA  
 TAAACTTATGAAATCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_001033872

**Insert Size:** 294 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).



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<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="#">BC004728</a></u> , <u><a href="#">AAH04728</a></u>
<b>RefSeq Size:</b>	1024 bp
<b>RefSeq ORF:</b>	294 bp
<b>Locus ID:</b>	207818
<b>UniProt ID:</b>	<u><a href="#">Q99KC7</a></u>
<b>Cytogenetics:</b>	15 F1
<b>Gene Summary:</b>	May play a role in epithelial cell-cell contacts. May play a role in tumor invasiveness and metastasis formation (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same isoform (1).