

Product datasheet for **RN205386**

Smagp (NM_182817) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Smagp (NM_182817) Rat Untagged Clone

Tag: Tag Free

Symbol: Smagp

Synonyms: MGC124543

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF: >RN205386 representing NM_182817
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACAACCTACCGCCACACCTTCTCCTGAAGAACTGATGACCAGCCGGTTTTTCAGGCCCTGAGA
CAATGTCCCACAAGCTGAAGAGGCCAGCACAGCACTATTGCAGTTGTTATAACCGTGGTTCCTTAC
CCTGCTCTCAGTGGTGACCTTGATCTTTTACCTGTACAAGAATAAAGGCAGCTACGTACCTATGAG
CCTGCAGAAGGGGAGCCAGCGCCATCCTCCAGATGGAGACTGACTCAGCCAAGGCAAAGAGAAGGAAG
AGTACTTCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_182817

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).

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).



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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_182817.1](#), [NP_877969.1](#)

RefSeq Size: 1501 bp

RefSeq ORF: 294 bp

Locus ID: 300236

UniProt ID: [Q7TPF1](#)

Cytogenetics: 7q36

Gene Summary: May play a role in epithelial cell-cell contacts. May play a role in tumor invasiveness and metastasis formation.[UniProtKB/Swiss-Prot Function]