

## Product datasheet for **MC216415**

### **Psg17 (NM\_007677) Mouse Untagged Clone**

#### **Product data:**

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | Psg17 (NM_007677) Mouse Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | Psg17                                  |
| Synonyms:                 | Cea-2; Cea2; mmCGM5                    |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | pCMV6-Entry (PS100001)                 |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |



[View online »](#)

**Fully Sequenced ORF:** >MC216415 representing NM\_007677  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGTGTCCTCTGAGCTTCTCAGCAATGGGTGTACCCCTGGCAAAGGGTCTGCTCACAGCCTCCC  
 TCTTATCTGCTGCCTCCTGCCACCACTGCCAGAGTCACTGTGGAATCTTACCTCCCAAGTGGTTGA  
 AGGAGAAAATGTTCTTCTACGCGTTGATAATCTGCCAGAGAATCTTAGGTTTTGTGTGTACAAAGG  
 GTGGCAAGTATGAAGCTTGAATTGCACTGTATTCACTGCAATATAATGTAAGTGTGACAGGGCTTAAGC  
 ACAGCGGTAGAGAGACACTGCACAGAAATGGGTCCCTGTGGATCCAAATGTCACCTCGGAGGACACAGG  
 ATATTACACCCTTCGAACCGTAAGTCAACGTGGAGAACTGGTATCAGATACATCCATATTCCTTCAGGTG  
 TACTCCTCTCTTTTCATCTGTGAGCGTCTACTACCCTGTACCTCCCACTATTGAATTAGTCCCGGCCA  
 GCGTTGCTGAAGGAGGAAGTGTCTTTTCCTTGTTCACAATCTACCAGAGTATCTTATATCACTTACCTG  
 GTACAAAGGAGCAGTTGTGTTTAAAGCTTGAGATTGCCCGATACAGAACAGCCAAGAATTCAAGTGTG  
 CTTGGCCCTGCCACAGCGGTAGAGAAACGGTGTTCAGCAATGGATCCCTGCTGCTCCAGAATGTCACCT  
 GGAAAGACACCGGATTCTACACCTACGAATCTGAATAGATATCCGAGAATAGAATTAGCACACATTTA  
 CCTTCAGGTGGACACCTCCCTTCTCGTGTGTACCCCTCTTGAATCTCCCACTCAGTATCGATCCA  
 TTGCCACCGCATGCTGCTGAAGGGGGAAGGGTCTTCTCCAGGTCCATAATCTGCCAGAAGATGTGCAAA  
 CCTTTTCTGGTACAAAGGCGTGTATAGCACTATATTATTTCAAATTGCAAAATATAGCATAGCAACGAA  
 GTCCATCATATGGGCTATGCACGGAGTAGAAGAGAGACAGTGTATACCAATGGATCCCTGCTGCTCCAG  
 GATGTCACTGAGAAAGACTCTGGTGTGTACACACTAATAACAACAGACAGCAATATGGGAGTTGAAACAG  
 CGCATGTGCAAGTCAACGTCCACAAGCTTGCCACACAGCCTGTATATAAGCCACAGACAGCAGTACG  
 AGTACAGGGCTCAGTGATCTTCACTTGTCTCAGACAACACTGGGGTCTCCATCCGTTGGCTCTTCAAC  
 AATCAGCGTCTGAGCTCACAGAGAGGATGACCCTGTCCCGTCAAAGTGCCAACTCTGGATACGTACTG  
 TGAGGAAGGAGGATGCTGGAGAGTACCAATGTGAGGCCTCAACCCAGTCAGCTCAAAGACCAGTCTCCC  
 AGTCATCTGGCTGTGATGATCGAG**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_007677

**Insert Size:** 1428 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.

|                      |                                                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Note:</b>         | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required. |
| <b>RefSeq:</b>       | <u>NM_007677.2, NP_031703.1</u>                                                                                          |
| <b>RefSeq Size:</b>  | 2126 bp                                                                                                                  |
| <b>RefSeq ORF:</b>   | 1428 bp                                                                                                                  |
| <b>Locus ID:</b>     | 26437                                                                                                                    |
| <b>Cytogenetics:</b> | 7 9.33 cM                                                                                                                |