

## Product datasheet for **MC216486**

### **Psg19 (NM\_011964) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Psg19 (NM_011964) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Psg19
Synonyms:	Cea-4; Cea4; CGM7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216486 representing NM\_011964  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGTGTCCTCTGAGCTTCTCAGCAATGGGTGGACCTCCTGGCAGAGGGTTCTGCTCACAGCCTCCC  
 TCTTAACCTGCTGGTTCCTGCCATCACTGCCGAGTCACCATCGAATCCGTACCACCCAAATTGGTCGA  
 AGGAGAAAATGTTCTTCTACGAGTGGACAATCTGCCAGAGAATCTTCGAGTCTTTGCCTGGTACAGAGGG  
 GTAATAAAATTTAAGCTTGAATTGCACTGTATTCACTGGACTATAACACAAGTGTGACAGGACCTGAGC  
 ACAGTGGTAGAGAGACATTGCACAGCAACGGTCCCTGTGGATCCAAAGTCCACCCGGGAAGACACAGG  
 ATATTACAGCTTCAAACATAAGTAAAAATGGAAAAGTGGTATCAAATACATCCATGTTCTTCCAGGTG  
 TACTCCTCTCTTTTCATCTGTGGCGCCCTTCCACCTGCCTCCTACTATTGAATCAGTGCCAGCCA  
 GCGTTGCTGAAGGGGAAGCGTTCTTCCCGTGTTCACAACTTCCAGAGCATCTTCAATCGCTTTTTTTG  
 GTACAAAGGGTTGACTATGTTTAAACAAGTTGAGATTGCCCGGCACAGAACCGCCAAGAATTC AATTGAA  
 ATGGGCCCTGCCACAGCGGTAGAGAGATAGTGTACAGCAATGGATCCCTGCTGCTCCAGAATGTCACCT  
 GGAAGGACATCGGATTCTACACCCTACGAACCTGAATAGATATTCGAGAATAGAATTAGCACACATTTA  
 CCTTCAGGTGGACACCTCCCTTTCTCGTGTGTGACGCTTTCAACTCTGTCCAACCTGAGGATCGATCCA  
 GTGCCACCACATGCTGTGCAAGGGGAAAGTGTCTTCTCCAGGTCCATAATCTGCCAGAAGATGTGCAAA  
 CCTTTTGTGGTACAAAGGCGTCTATAGCACTCAGGACTTTAAAATTGCAGAATACAGCATAGTGACAGA  
 GTCTATCATCAGTGGCCGTGCACACAGTGAAGAGAGATAGGGTACACCAATGGATCCCTGCTCCTCCAG  
 GATGTCAGTGAAGAACTCTGGCTTCTACACACTAGTAAACAATCGACAGCAATGCGAAAAGTTGAAACAG  
 CGCATGTGCAAGTCAATGTGAACAAGCTTGTGACACAGCCTGCCATGAGAGTCACAGATGACACAGTTCCG  
 AGTACAGAGCTCAGTGGTCTTCACTTGTCTCAGACAACACTGGGGTCTCCATCCGTTGGCTCTTCAAC  
 AATCAGCGTCTGCAGCTCACAGAGAGGATGACTGTCCCATCAAAATGCCAACTCAGGATACATACTG  
 TGAGGAAGGAGGATGCTGGAGAGTATCAATGTGAGGCCTTCAACCCAGTCAGCTCAAAGACCAGTCTCC  
 AGTCAGCCTGGCTGTGATGAATGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_011964
- 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.

RefSeq: [NM\\_011964.2](#), [NP\\_036094.2](#)  
RefSeq Size: 2547 bp  
RefSeq ORF: 1428 bp  
Locus ID: 26439  
Cytogenetics: 7 9.31 cM