

Product datasheet for **RN204182**

Psg19 (NM_019126) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psg19 (NM_019126) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Psg19
Synonyms:	Cea3; CEAC; Cgm3; RATCEAC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204182 representing NM_019126
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGTGTCCTCTGTGCTTCTGTGTTACAGGTGTAGCCCTTGGCAGGGGTTCTGCTCACAGCCTCAC
 TTTTAACCTGCTGGCTCCTGCCACCAGTCCCAAGTCAACCTCAAGTCCACCGCCCCAGGTGGTTGA
 AGGAGAAAACGTTCTTCTAAGTGTGACAACTGCCAGAGAACATTATAGCTTTCGCTGGTACAAAGGG
 GAGACCGACATGAACCGTGAATTGCACTGTATTCACTGAGGTATACTGTAAGTTTGACGGGGCCTGTGC
 ACAGTGGTCGAGAGACATTGTACAGCGACGGTCCCTGTGGATCAAAAATGTACCCAGGAGGACACAGG
 ATTTTATACCTTTGCAATCATAAATAATCATGGAAAAATCAATCAAATAACAACCCTGTTCTTCACGTG
 AAATCCTCTCTTTTCGTCTGTGGCGCTCTTAACATTGACGAGCCACTATTGAATCAGTGCCGGTCA
 GCGTTAGCGAATGGGAAGCGTCTTCTCCGTGTTCAAACTTCCAGAGAATCTACGAACGCTTTTCTG
 GTACAAAGGGGTGCTTGTGTTGAAGAAGCTTGAGATTGCCGATACAGAACAACCAAGAACACATATGAG
 CTGGGCCCTGTGCATAGTGGTAGGGAAACCGTGTACAGTAATGGGTCCCTGCTGCTCCAGAAATGTCACCT
 GGAAAGACACCGGATTCTACACCCTACGAACCTGAGTACAGATTTGAAAGTAGAAATAACACACATTTA
 CCTTCAGGTGAACACCTCCCTTTCTCGTGTGTGACCCTGTACCTCTGTCCCCTCATGATAGAGCCA
 GTGCCACGGCATGCAGTTGAAGGGGAAAGTGTCTTCTATGTCCCAAATCTGCCCGAAGCTCTGCAAA
 CCTTTTCTGGTACAAAGGAGTGTACAGCCTTAAGGAATTTAAAATTGCAGAATACAGCATAGCAACAAA
 GTCTGTCTTCCGGGCCCCGCACACAGAGGAAGAGCGACAGGTTACCCAACGGATCTCTGCTCCTCCAG
 GACCTCACTGCAAGAGATACTGGCTTGTACACACTAGTAACGTTAGACAGTAATTCCAAAATTAATCAG
 CCCCTGTGCAAGTCACCGTGCACAAGCCTGTAAACACAGCCCTTCTGAGAGTCACAGTACAGTACAGT
 AGTACAGAGCTCAGTGGTCTTCACTTGCTTGTGCGACAACACTGGAGTCTCCATCCGTTGGCTCTTCAAG
 AACAGGAATCTGCAGGTACAGAGAGGATGACCCTATCCCATCAAATTGCCAACTCAGGATTCATGTTG
 TCAGAAGGGAGGATGCTGGGCAGTATCGATGTGAGGCCTTCAACCAATCAGCTCCAAGACCAGTCGCC
 AGTCAGCCTGGCTGTGATTAGTGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_019126
- 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_019126.2](#), [NP_061999.2](#)

RefSeq Size: 2775 bp

RefSeq ORF: 1428 bp

Locus ID: 24256

Cytogenetics: 1q21

Gene Summary: placental glycoprotein that may be involved in cytokinin biosynthesis [RGD, Feb 2006]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.