

Product datasheet for RN216458

Psg19 (NM_001270654) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psg19 (NM_001270654) 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)
Fully Sequenced ORF:	>RN216458 representing NM_001270654 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGTGTCCTCTGTGCTTCTCTGTTCAAGGTGTAGCCCTTGGCAGGGGTTCTGCTCACAGCCTCAC
TTTTAACCTGCTGGCTCTGCCACCCTGCCAAGTCAAGTCAAGTCCACCAGGAGGTTGGA
AGGAGAAAACGTTCTTCTAAGTGTGACAATCTGCCAGAGAACATTATAGCTTTCGCTGGTACAAAGG
GAGACCGACATGAACCGTGAATTGCACTGTATTCACTGAGGTACTGTAAAGTTTGACGGGGCCTGTGC
ACAGTGGTCGAGAGACATTGTACAGCGACGGTCCCTGTGGATCAAAAATGTCACCCAGGAGGACACAGG
ATTTTATACCTTTCGAATCATAAATAATCATGGAAAAATCAATCAAATACAACCCTGTTCTTCACGTTG
AAATCCTCTCTTTTCGTCTGTGGCGTCTTCTAACATTGACGAGCCCACTATTGAATCAGTGCCGGTCA
GCGTTAGCGAATGGGGAAGCGTCTTCTCCGTGTTCAAACTTCCAGAGAATCTACGAACGCTTTTCTG
GTACAAAGGGGTGCTTGTGTTGAAGAAGCTTGAGATTGCCGATACAGAAACAACCAAGAACATATGAG
CTGGGCCCTGTGCATAGTGGTAGGAAACCGTGTACAGTAATGGGTCCCTGCTGCTCCAGAATGTCACCT
GGAAAGACACCGGATTCTACACCCTACGAACCTGAGTACAGATTTGAAAGTAGAAATAACACACATTTA
CCTTCAGGTGAACAAGCCTGTAACACAGCCCTTCTGAGAGTACAGTACAGTACAGTACAGTACAGAGC
TCAGTGGTCTTCACTTGTGTCGGACAACACTGGAGTCTCCATCCGTTGGCTCTTCAAGAACAGGAATC
TGAGGTCACAGAGAGGATGACCCATATCCCATCAAATGCCAACCTCAGGATTCATGTTGTCCAGAAGGGA
GGATGCTGGGCAGTATCGATGTGAGGCCTTCAACCCAATCAGCTCCAAGACCAGTCGCCAGTCAGCCTG
GCTGTGATTAGTGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001270654
Insert Size:	1068 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001270654.1</u> , <u>NP_001257583.1</u>
RefSeq Size:	2415 bp
RefSeq ORF:	1068 bp
Locus ID:	24256
Cytogenetics:	1q21
Gene Summary:	placental glycoprotein that may be involved in cytokinin biosynthesis [RGD, Feb 2006] Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to 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.