

Product datasheet for **MC216419**

Psg21 (NM_027403) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psg21 (NM_027403) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Psg21
Synonyms:	1600019C01Rik; 1600025N01Rik; 1600026N13Rik; cea8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216419 representing NM_027403
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAGTGACCTCTGAACCTTTTACCAATGTCCTTATCCCTTGGCAGAGGGTCTGTTCACAGCCTCCC
 TCTTGACCTGCTGGCTTCTGTCCACCACTGCTAGTGTCACCATCCAGTCACAAAACACGTAGTTGAAGG
 AGAGAATATTCTTCTACAAGTTGACAATCTGCCAGAGAATCTTCTAGCTTTTGCCTGGTACAGAGGACTG
 AATAATGGAGGCTCACAATTGCTCTGCATTTTCTGGACTATAGCACAAGTATGACAGGGCCTGAGCACA
 GTGATAGAGAGATATTGTACAGCAACGGGTCCCTATGGATCCAAAATGTCACCCAGGAGGACACAGGATA
 TTACATTTTCAAACCATAAGTAACCATGGAGAAGTGAATCAAATACGTCCACATTTCTTCAGGTCTAC
 TCCTCTCATTTACCTGTGGCGTCTTCTCCCTGCCAAGCTCACTATTGAATCAGTGCCGCCAGAG
 TTGCTGAAGGAGGACGCGTTCTTCTCCGTGTTCACAATCTTCCAGAGTATCTTCAATTATTTTTTGGTA
 CAAAGGGGTGATTATGATTCACAAGTTGAGATTGTCCGGCACAGAACTCAAGAATTTAAGCGATCCA
 GGCCCTGCCACAGCGGTAGAGAGATAGTGTTACGAATGGATCCCTGCTGCTCCAGAATGTCACCTGGA
 AAGACACAGGATTCTACACCCTACAACTGTGAATGGATTTCCGGAAATGGAAGTACACACATTTACCT
 TCAGGTGGAGACCCCGTGTGTGACCCTCTTGAATCTGCCCACTCAGGATCGATCCAGTGACTCCGCAT
 GCTGCTGAAGGGGAAAGTGTCTTCTCCAGGTCCATAATCTACCAAGAGATCTGCAAACTTTTCTGGT
 ACAAGGGTGTGGATAGCACTCCATCCTTTCAAATTGTAGAATATAGCAAAGCAATGAAGTCCATCATCAG
 CGGCAGTGCATACAGCCGAAGAGAGATAGGGTACACTAATGGATCCCTGCTGCTCCAGGATGTCACTGAG
 AAAGACTCTGGCTTGTACACACTAGTAACAATAGACAGCAATATGAGAGTTGAAACAGTGATGTTCAAG
 TCAACATCTACAAGCTTGTGACACAGCCTGCCATGAGAGTCACGGACAGCAGTTAGAGTACAGAGCTC
 AGTTGTCTTCACTTGCTTCTCAGACAACACTGGGGTCTCCATCCGTTGGCTCTTCAACAATCAGAGTCTG
 CAGCTCACAGAGAGGATGACCCTGTCCCATCAAAATGCCAAGTCAAGTACATACTGTGAGGAAGGAGG
 ATGCTGGAGAGTATCAATGTGAGGCCTTCAACCCAGTCAGCTCAAAGACCAGTCTCCAGTCAGCCTGGC
 CGTGATGAATGAG**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_027403

Insert Size: 1416 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_027403.4, NP_081679.2</u>
RefSeq Size:	2159 bp
RefSeq ORF:	1416 bp
Locus ID:	72242
Cytogenetics:	7 A3