

Product datasheet for **MC216496**

Psg23 (NM_020261) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psg23 (NM_020261) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Psg23
Synonyms:	1620401C02Rik; cea11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216496 representing NM_020261
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAGTGACCTCTGAACCTTTTACCAATGTCCTTATCCCTTGGCAGAGGGTCTGTTCACAGCCTCCC
 TCTTGACCTGCTGGCTTCTGTCCACCACCTGCTAGTGTACCATCCAGTACCACAAACACGTAGTTGAAGG
 AGAGAATATTCTTCTACAAGTTGACAATCTGCCAGAGAATCTTCTAGCTTTTGCCTGGTACAGAGGACTG
 ACAAATTGGAGGCTCACAATTGCTGTGATTTACTGGACTATAGCACAAGTATGACAGGGCCTGAGCACA
 GTGATAGAGAGATATTGTACAGCAACGGGTCCCTATGGATCCAAAATGTCACACAGGAGGACACAGGATA
 TTACACTCTTCAAACCATAAGTAACCATGGAGAACTGGAATCAAATACATCCACATTTCTTCAGGTCTAC
 TCGTCTCATTTCACCTGTGGCGTCTTCTTCCCTGCCAAGCTCACTATTGAATCAGTGCCGCCAGCG
 TTGCTGAAGGAGGAAGCGTTCTTCTCCGTGTTCAATCTTCCAGAGTATCTTCAATTATTTTTTGGTA
 CAAAGGGGTGATTATGATTCACAAGTTGAGATTGTCCGGTACAGAACACTCAAGATTTAAGCGATCCA
 GGCCTGCCACAGCGGTAGAGAGATAGTGTACAGCAATGGATCCCTGCTGCTCCAGAATGTCACCTGGA
 AAGACTGGATTCTACACCCTACAAACTGTGAATCGATATTGAAAAATGGAAGTACACACATTTACCT
 TCAGGTGGACACCCCGTCTGTGACCCTTTGACTCTGCCAACTCAGGATCGATCCAGTACTCCGCAT
 GCTGCTGAAGGGGAAAGTGTCTTCTCCAGGTCCATAATCTACCAGAAGATCTGCAAACCTTTTCTGGT
 ACAAGGGTGTGGATAGCACTCCATCCTTTCAAATTGTAGAATATAGCAAAGCAATGAAGTCCATCATCAG
 CGGCAGTGCATACAGCCGAAGAGAGATAGGGTACACTAATGGATCCCTGCTGCTCCAGGATGTCAGT
 AAAGACTCTGGCTGTACACACTAGTACAATAGACAGCAATATGAGAGTTGAAACAGTGCATGTTCAAG
 TCAACATCTACAAGCTTGTGACACAGCCTGTCATGAGAGTCTCGGAAACTACAGTTAGAGTACAGAGCTC
 AGTGGTCTTCACTTGTCTTCTCAGACAACACTGGGGTCTCCATCCGTTGGCTCTTCAATAAGCAGAGTCTG
 CAGCTCACAGAGAGGATGAGCCTGTCCCGTCAAAGTGTCAACTCAGGATACATACTGTGAGGAAGGAGG
 ATGGTGGAGAGTATCAATGTGAGGCCTTCAACCCAGCCAACCTAAGACCAGTCTCCAGTCAAGCTGCG
 CGTGTGATGAATGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_020261
- 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.

RefSeq: NM_020261.4, NP_064657.2
RefSeq Size: 2179 bp
RefSeq ORF: 1416 bp
Locus ID: 56868
Cytogenetics: 7 9.18 cM