

Product datasheet for **MC216582**

Psg20 (NM_054058) Mouse Untagged Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Psg20 (NM_054058) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Psg20 |
| Synonyms: | Cea7; EG434540 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC216582 representing NM_054058
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGTGTCCTCTGAGCTTCTCTCAGCAATGGGTGTACCTCCAGGCAGAGGGTTCTGCTCACAGCCT
 CCTCTTTACCTGCTGGCTTCTGTCCACCACTGCCAAGGTCATATCCATTACCCGCTCCAAGTGGTTGA
 AGGACAAAACGTTTTTCTACGAGTTGACAACTGCCAGAGGATCTTAGCTTTTGCCTGGTACAGAGGA
 CTGAGAAAATTGGAGGGTCGCAATTGCACTGCATTTAGTGGAGTATAATGCAAGTATGACAGGGCCTGAGC
 ACAGTGATAGAGAGATATTGCACAGCAACGGGTCCTGTGGATCCAAAATGTACCCAGGAGGACACAGG
 ATATTATACTCTCAAACATAAGTAAACATGGAAAAGTGGTATCAAATACATCCACATTTCTTCAGGTG
 TACTCCGCTCTTTACCTGTGGCGTCTACCTCCCCTGCCAAGCTCACTATTGAATCAGTGCCGCCCA
 GAGTTGCTGAAGGGGAAGCGTTCTTCTCCTTGTCCACAATCTCCAGAGTATTCTCAATTATTTTCCTG
 GTACAAAAGCCTTGACTTTGTTAATGAGGTTGAGATTGCTGAATACAAAATAGCCAAGAATTTAAGCGAT
 CCAAGCCCTGCCACAGCGGTAGAGAGATAGTGTTCAGCAATGGATCCCTGCTGCTCCAGAATGTCACCT
 GGAAAGACACTGGATTCTACACCCTACAACTGTGAATGGATTTTCGGGAAATGGAATTAGCACACATTTA
 CCTTCGGGTGGACAGTAACTCTCCCCTGCTGTGACCCTCCTGACTCTGCCGACTCAGGATTGATCCA
 GTGACATGTATGCTGCTGAAGGGGAAGTGTCTTCTCCAGGTCATAATCTGCCAGAAGATGTGCAAA
 CCTTTTCTGGTACAAAGGTGTGGATAGCACTCCATACTTTAGAATTGTAGAATACAGCAAAGCGATGAA
 GTCCATTTTCAGTGGCTACGCACACAGCAGAAGAGAGACAGGGTACACTAATGGATCCCTGCTGCTCCAG
 GATGTGACTGAGAAAGACACTGGCTTCTACACACTATTAACAATAGACAGCCATGTGAAAGTTGAAACAG
 TGCATGCACAAGTCAACGTCCACAAGCTTGTGACACAGCCTGTTGTGAGAGTCACGGACAGCACAGTTAG
 AGTACAGAGCTCAGTGGTCTTCACTTGTCTCAGACAACACTGGGGTCTCCATCCGTTGGCTCTTCAAC
 AATCAGAGTCTTCAGCTCACAGAGAGGATGACCCTGTCCCCTGCAAAAGTCCAACTCAGGATACATACTG
 TGAGGAAGGAGGATGCTGGAGAGTACCAATGTGAGGCCTTCAACCAGTCAGCTCAAAGACCAGTCTCC
 AGTCAGCCTGGCCGTGATGAATGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_054058
- 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_054058.1, NP_473399.1
RefSeq Size: 1428 bp
RefSeq ORF: 1428 bp
Locus ID: 434540
Cytogenetics: 7 A3