

Product datasheet for **MC216357**

Psg29 (NM_054064) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Psg29
Synonyms:	AA102956; AA409969; cea17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC216357 representing NM_054064
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGAAGGTGTCTGGTTTCTTTCTGCCAGGGGTGTGCCCCATGGCAGGGGTTCTACTCACAGCCTCT
 TCTTAACCTGCTGGTATCTGTCTACCACTTCCAAAGTCAACATTGAATTATTGCCATCCCAAGTGGTTGA
 AGGAGAAGATGTTCTTTCTTGTCAATAATCTGCCAGGGAATCTTACAGCCTTTGCCTGGTTTAAAGGG
 AGGACAAATAGGAAACATGGAATTGCAGTGTATGCAGTGGCGTCTGACTTATATGTACACAGCGATAGAG
 AGACATTGTACAACAACGGATCCCTGATGATCCACAATGTTACCCAGAAGGACAGAGGTTATTACACCCCT
 ACGAACCTTCAATAAATGCAGAACTGTATCAACAACATTACATTCTCCACGTGAACCCCTTCCTT
 TGGAAGTGTGGCGCTTGGTCACCTCTCCAGCCCCGATTGAATCATTCCCCTCCATCGTTACTGAAG
 GGCAACATGTTATTCTACATGTCTACAATATCCAGAGAATCTCAAGGTTTTATATGGTTCAAAGGGAT
 GACCGTGCACAGGCACCTTGAGATTGGCCGATACACAATAGGCAGGAAGTCAAGTGTGTTGGCCTGCA
 TACAGCGGTAGAGAGAAGCTGGATAGTAATGGATCCCTGCGGATTGAAAATGTCACTCAAAAGGATGCTG
 GATTATACACCCTACGAGTACTGGGTACAGATATGAAGAGTGAAGAAGCACATGTAGAAGTCAAGTTAA
 CAACCCCGCTTTTCAGTGCTGTAAACCTAGCACCTCTTCCAACTCATGGTTGAAGCAGTGCCTCGATAT
 GTTGCTGAAGGGGAAAGTGTCTTCTCCTCGTCCACAACCTGCCAGAAGAGTTAATATCCTTTACATGGT
 ACAACTCAATGTATAGGGTCCCTGCCTTTAAAATTGTAGAATTCAATGTAAATCAGGAATATCACCACTG
 GGGAGATGTGTACAGAGGAAGAGATACGGTGTATGCCAACGGATCCCTGATGCTCCAGGACGTCACTGAG
 GAAGATGCAAGAATGTACACACTAGAACTTTAAACGTAACTACACAGTTGAAAGAGCACATGTGCAGT
 TTTATGTAACAAGCCTGTGACACAACCTTTGTGCAATCACTGACACCACAGCCAATGCACAAGATC
 TTTGACCTTCACCTGTGTACACCTGACATTGCAACCTCCATCCTTTGGTTCTTCAATAGCCATAGTCTG
 AAGCCTACAGAAAGGATAACACTGTCCCCTACGAAGTGTGGCTCCGAATAGATGATGTGAGAAGTGAAG
 ATGCTGGAAATTACAGTGTGTGTCGTCACCGAAATGGTGATGCAAAGGCCAGTCACCCTATCAGGTG
 GCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_054064

Insert Size: 1407 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_054064.3</u> , <u>NP_473405.1</u>
RefSeq Size:	5441 bp
RefSeq ORF:	1407 bp
Locus ID:	114872
Cytogenetics:	7 A2