

Product datasheet for **MC204011**

Ces2g (NM_197999) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ces2g (NM_197999) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ces2g
Synonyms:	2210023G05Rik; Ces2l
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027185
 GAAACGTGGTCTCTAGCAGCACAGACTCAGAGCCTGAGAGCCGGCCATGCCACGGAACCAAATGCATA
 GCTGGCTGGATGCTGTGTTCTTTGGACTCCTGCTTCTCCTCGGCCATGTGCAGGGTCACGACTCACCAGA
 GACCAGCCCCATCAGAAGCACACTCTGGCCAGGTCCAAGGCAGGCTCATTACGTGAAGGACACTAAA
 GCTGCTGTCCACACCTTCTGGGAATCCCTTTGCCAAGCCTCCTGTAGGACACTGCGCTTTGCACCTC
 CTGAGGCCCTGAGCCATGGAGTGGTGTGAGAGATGGAACCTCACAGCCAGCCATTTGTCCACAAAATGT
 TACGATGAATATGGAGGGCCTGAAGGAGTTGAAACTGACCCTGCCACCTGTCTCTATGTCCGAGGACTGC
 CTGTATCTCAACATCTACACACCAGCCACGCCAGGAGGGCTCTAACCTGCCTGTGATGGTGTGGATCC
 ACGGTGGTGCACACTACTGTAGGCATGGCTTCCATGTATGATGGATCCGTGCTGGCAGCCACTGAGGATGT
 GGTGGTGGTCGATCCAGTACCGCCTGGGTGTCTTGGGATTCTTCAGCACTGGAGATGAACATGCCAGG
 GGAAACTGGGGTTCTGGACCAAGTGGCTGCCCTACGCTGGGTCCAGCAGAACATCGCCCACTTTGGTG
 GCAACCCTGACCGGGTCACTATTTTTGGCGAGTCAGCAGGAGGCATAAGCGTGTCTTCGCATGTTGTGC
 CCCCATGTCCAAAGGACTCTTTCACAGAGCCATCATGGAGAGTGGAGTAGCTCTGTTGCCTGGAACCATA
 TTTAGCTTCTCTGAGGTGGTTACCAAACGGTGGCCAAGCTCTCTGGTTGTGAGGCCATGGATTCAGAGG
 CCCTGGTGCCTGTCTGAGAGGCAAGAGTGAAGAGGAGATTCTAGCTATTAGCAAGAACTCCAGATGAT
 CCTGGTGTGGTGGATGGAGAGTTCCTACCAAGCATCCTCAGGAGCTGCTGGCCTCTGCTGATTTTCAC
 CCTGTCCCAAGCATATTGGTTTCAACAATGATGAGTATGGTTGGATCGTCCCCAAAGTCATAGGCTCTA
 CTCAGACAATAAAGGGAATAACCAGAGAGAACCTGCAGGCTGTCTGAAGGATACAGCACCAGCAATGAT
 GCTGCCTCCTGAGTGTAGTGTCTGTTGATGGAAGAGTACATGGAGGACATTGAGGACCCCAAGACTCTT
 CAAATACAGTTACCCGAAATGATGGAAGACTTCATGTTTGTGATCCCTTCTCTCCAAGTAGCATATTTTC
 AGCGTTCCCATGCCCTGTCTACTTCTATGAATTCCAACATCAATCCAGTTCTCAAGGATGTCAGGCC
 ACCCCACGTGAACGCTGACCATGGAGATGAGGTTCTTTTGGTTTTGGTTCCTTCTCTGGGGCATGAAA
 CTTAACCTCACTGAAGAGGAAAAGCTGCTAAACAGGAGAATGATGAAGTACTGGGCCAACTTTGCAAGAC
 ATGGGAACCCCAACAGTGAAGTCTACCCTACTGGCCCGTGTGTTGACCATGATGAACAGTATCTACAGCT
 GAACATCCAGCCTGCTGTGGGACAATCCAGAAGGCCAGAAAGCTGCAGTTCTGGACCAAGACTCTGCC
 CGGAAGATTGAGGAGTTAAAGAGATCTCAAACGTCACAAAAGAGCTATAGTGCCTTGTGTGAGGAATGG
 TATATGGTGTGAGCTGCTGATGGAGTCACTTCCAGGTTCCCAAAACATTCAACATTCATATAAACTCTG
 TGCTTGTCTGTTCTTATTTATCACAATCCTCTGCATGTGACTCCTTCTCTGCTGGGTGATCTTTTGT
 TAGACCCATTAATAAAGCAGCCTATTGATTGGGTTAGACCTATCCAAACTCCCCTCCAGTGGATTTGTG
 AACCCATAAATCCCATCTCCTTTTACTCCACTGGGACTAGGATCTTTGCTTTCTTCTTCTCACC
 TCACCTCTCATCCTCACTGTCCTTCTCTATGACCAAAACAGTCTTCAAGTAGGACTTTGGAAAACATT
 GATATTGTTCTCAAACAGTCCCTATCACAGGGTGGGCTGTGTGAGAACCACATGCTCCCTCTCATCAG
 CTTACACTTTTGGAGACCATAGATCCCAAGATTAAGATACTAACAGTTTGGTGTACATGCTCTCTAGC
 CCAAAGATGATACCTGTGATTTCACTGAGCATATGAGATAGTTAAACAATCCTCATGGCCCGGGCCTCCAA
 TAGGCCTCTTTTTTTAATTGGATATTTTCTTTATTTACATTTCAAATGTTATCACCTTTCTCACCCCA
 CCCCCAAAACCTTTATATATCCCCCTTCCCCTGCTTCTATGAGGGTGTCCCTCACCCATCCCACCC
 ATCCCCACTTCCCCGCCCTCATTCTCTATACTGGGGCATTGATCCTTACAGGACCAAGGGCCTCTC
 CTCCGATTGATGCCTGACAAGGTCATTCTCTGCTATATAGGTGGCTGAAGCCATGATCCCTCCATGTT
 ACTCTCCGGTTGGTGGTTAGTCCCTGGGAGCTCTGGGGGAGGCTGGTTGTTGATATTGTTGTTCTT
 CCTATGGGTTTACATTGGAGTTATTAGTATAGAAATATGATTCATAGATATTTTCAAACACAGCA
 CACAGAGTTCCCAACTGATCACTAGATTTGAAAACATCTAAAAGTGTCTCTATCTACTGTGTTTATAA
 ATTAATAATTTGCCAACAATTTGTTTTAAGATAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
 ACCN: NM_197999
 Insert Size: 1683 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [BC027185](#), [AAH27185](#)

RefSeq Size: 2846 bp

RefSeq ORF: 1683 bp

Locus ID: 72361

Cytogenetics: 8 D3