

Product datasheet for **MG208876**

Ces2g (NM_197999) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ces2g (NM_197999) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ces2g
Synonyms:	2210023G05Rik; Ces2l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208876 representing NM_197999
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACGGAACCAAATGCATAGCTGGCTGGATGCTGTGTTCTTTGGACTCCTGCTTCTCCTCGGCCATG
 TGCAGGGTCACGACTCACGAGACCAGCCCCATCAGAAGCACACTCTGGCCAGGTCCAAGGCAGGCT
 CATTACAGTGAAGGACACTAAAGCTGCTGTCCACACCTTCTGGGAATCCCTTTGCCAAGCCTCTGT
 GGACCACTGCGCTTTCACCTCCTGAGGCCCTGAGCCATGGAGTGGTGTGAGAGATGGAACCTCACAGC
 CAGCCATTTGCCACAAAATGTTACGATGAATATGGAGGGCTGAAGGAGTTGAAACTGACCCTGCCACC
 TGTCTCTATGTCGAGGACTGCCTGTATCTCAACATCTACACACCAGCCACGCCAGGAGGGCTCTAAC
 CTGCTGTGATGGTGTGGATCCACGGTGGTGCCTACTGTAGGCATGGCTTCCATGTATGATGGATCCG
 TGCTGGCAGCCACTGAGGATGTGGTGGTGCCTATCCAGTACCGCCTGGGTGCTTTGGGATTCTTCAG
 CACTGGAGATGAACATGCCAGGGGAAACTGGGGTTTCTGGACCAAGTGGCTGCCCTACGCTGGGTCAG
 CAGAACATCGCCCACTTTGGTGGCAACCCTGACCGGGTCACTATTTTTGGCGAGTCAGCAGGAGGCATAA
 GCGTGTCTTCGATGTTGTGTCCCCATGTCCAAGGACTCTTTCACAGAGCCATCATGGAGAGTGGAGT
 AGCTCTGTTGCCCTGGAACCATATTTAGCTTCTCTGAGGTGGTTTACCAAACGGTGGCCAAGCTCTCTGGT
 TGTGAGGCCATGGATTACAGAGCCCTGGTGCCTGTCTGAGAGGCAAGAGTGAAGAGGAGATTCTAGCTA
 TTAGCAAGAACTCCAGATGATCCCTGGTGTGGTGGATGGAGAGTTTCTACCAAGCATCCTCAGGAGCT
 GCTGGCCTCTGCTGATTTTACCCTGTCCCAGCATCATTTGGTTCAACAATGATGAGTATGGTTGGATC
 GTCCCCAAAGTCATAGGCTCTACTCAGACAATAAAGGGAATAACCAGAGAGAACCCTGAGGCTGTCTGA
 AGGATACAGCACCGCAAATGATGCTGCCTCCTGAGTGTAGTGTCTGTTGATGGAAGAGTACATGGAGGA
 CATTGAGGACCCCAAGACTCTTCAAATACAGTTTACCGAAATGATGGAAGACTTCATGTTTGTGATCCCT
 TCTCTCCAAGTAGCATATTTTACGCGTTCCCATGCCCTGTCTACTTCTATGAATTCCAACATCAATCCA
 GCTTCTCAAGGATGTCAGGCCACCCACGTGAACGCTGACCATGGAGATGAGGTTCTTTTGTTTTGG
 TTCCTTCTTGGGGCATGAAACTTAACCTCACTGAAGAGGAAAAGCTGCTAAACAGGAGAATGATGAAG
 TACTGGGCCAACTTTGCAAGACATGGGAACCCCAAGTGAAGTCTACCTACTGGCCCGTGTGGACC
 ATGATGAACAGTATCTACAGCTGAACATCCAGCCTGCTGTGGACAATCCAGAAGGCCAGAAAGCTGCA
 GTTCTGGACCAAGACTCTGCCCGGAAGATTGAGGAGTTAAAGAGATCTCAAACGTGCACAAAGAGCTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208876 representing NM_197999
 Red=Cloning site Green=Tags(s)

MPRNQMSWLDVAVFFGLLLLLGHVQGHDSPIRSTHSGVQVQRLIHVKDTKAAVHTFLGIPFAKPPV
 GPLRFAPPEAPEPWSGVRDGSQPAICPQNVTMNMEGLKELKLTLPVSMSEDCLYLNITYPAHAQEGSN
 LPVMVWIHGGALTVGMASMYDGSVLAATEDVVVVAIQYRLGVLGFFSTGDEHARGNWFLLDQVAALRWVQ
 QNIAHFGGNPDRVTIFGESAGGISVSSHVSPMSKGLFHRAIMESGVALLPGTIFSFSEVVYQTVAKLSG
 CEAMDSEALVRCLRGKSEEEILAIKSNFQMIIPGVVDGEFLPKHPQELLASADFHVPVSIIGFNNDYEWI
 VPKVIGSTQTIKGITRENLAVALKDTAPQMMLPPECSDLLMEEYMEDIAEDPKTLQIFTEMEDFMFVIP
 SLQVAYFQRSHAPVYFYEFQHQSSFLKDVRPPHVNDHGDEVFVFGSFFWGMKLNLTTEEKLLNRRMMK
 YWANFARHGNPNSESLPYWPFVDHDEQYLQLNIQPAVGQFQKARKLQFWTKLPRKIEELKRSQNVHKEL

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_197999

ORF Size: 1680 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](#)

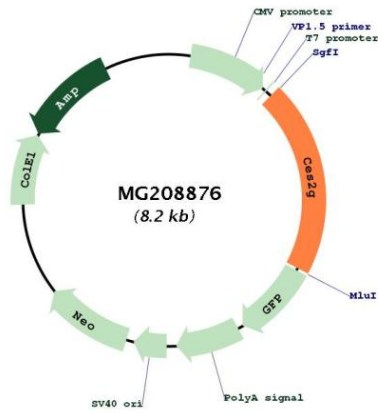
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_197999.1, NP_932116.1
 RefSeq Size: 2846 bp
 RefSeq ORF: 1683 bp
 Locus ID: 72361
 Cytogenetics: 8 D3

Product images:



Circular map for MG208876