

Product datasheet for **MG208591**

Cwf1911 (BC037640) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cwf1911 (BC037640) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cwf1911
Synonyms:	2610528C06Rik; AI854304; AV336991
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG208591 representing BC037640
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCAGAAGCCACTGCGTCTCTTGGCCTGTGGAGATGTTGAAGGAAAGTTTGTATGTTTTATTCAATA
 GAGTTCGGACAATTCAGAAGAAAAGTGGAACTTTGATCTGCTGTTGTGTAGGAACTTTTTGGCTC
 TGCCAGGATGCTGAGTGGGAGGAGTAAAGACCGCAACAAGAAAGCTCCTATTCAGACATATGTGCTT
 GGTGCAAATAACGAGGAGACAGCAAATTTCCAGGATGCTGATGGCTGTGAATTGGCTGAAAACATCA
 CTTACCTGGGTCGGAAAGGTGTCTTCACTGGAAGCTCGGGGTACAGATTGTATACCTCAGTGGACCGA
 GTCCTTAGATGAACCACTCCAGCCACAGCTTACTCCCAAGGATGTGTCTTCTGAGAACAAATGCTG
 TGCTCGGCTTCCAGTTAAAGGTGTTGATATCTTACTCACGTCGCCGTCGCAAGTACGTGGGGAGCT
 TTGGGAATTCCTCTGGAGAAGTAGACACCAAACTGTGGCTCAGCTTTGATCTCCAGCCTCGCCGTGAG
 CTTGAAACCGAGGTATCATTTTGTGCTTTGGAAAAGTCGATTATGAGAGGCTTCGGTACCGAAACCAT
 GTTGTTCTACAAGAAAGCGCGCAGCATGCCACTCGCTTCATAGCGCTGGCGAATGTTGAAAATCCAGAAA
 AGAAGAAGTATCTTTATGCCTTCAGTATTGTTCCCATGAAGCTGATGGCTGTAGCCGAACTGGTAAAGCA
 GCCTCCGGACGTACCGAGAACCCTTACCGAGACTCTGGGAAGCAGGCAGCCGGAGGAAACACATTCCC
 GCCCTCAGGAAGAGTACGCTGTCACTTCTTCTCGATTTGAGTGAAAAGCAGGGAAGGAGCGGCCGT
 CCACAGGCAGGGATACCAGGCCTCCACAGCTAAGCAGCCTCGCAAGCCTCCTCAGCCTCCAGGCCCTTG
 TTGGTTTTGCCTCGCCAGCCCTGAAGTGGAAAAGCACCTGGTGGTCAACATTGGCACACATTGCTACCTT
 GCCCTGGCCAAAGGAGGCTTATCTGATGACCATGTCCTCATCTGCCATTGGCACTACCAGTCCGTTG
 TGGAGCTCTCGCAGAGGTGGTGAAGAAGTGGAGAAAATAAGGCTACTCTGCAACGCTTCTTTAAGAG
 TCGGGGGAAGCGTTGTGTTCTATTTGAAAGAAATTATAGGAGCCATCACCTCCAGCTTCAGGTCATTCT
 GTGCCCTCAGCTGCTGTGCTACAGATGACATTAAGATGCCTTCATTACCCAGGCACAGGAGCAGCAGA
 TAGAGCTGTTGGAGATCCAGAACAACACTCAGACATCAAACAGATTGCACAGCCAGGAGCAGCATATTTT
 TGTGAACTCGACACAGGAGAAAAGCTTTCCACAGAATAAAAAGAATTTCTTTGCAATTTGGAAGG
 GAGGTCTGGCCAGCGAAGCTATTCTCAACATTCCTGAGAAGGCTGACTGGAGGCAGTGTCAAACAGCA
 AGGACGAGGAGGAGCCCTGGCCCGCCGCTCCGGAAAGACTTTGAACCTTTGACTTCACTCTGGATGA
 C

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208591 representing BC037640
 Red=Cloning site Green=Tags(s)

MAQKPLRLLACGDVEGKFDVLFNRVRTIQKKSNGFDLLLVCVGNFFGSAQDAEWEEYKTGNKKAPIQTYVL
 GANNEETANYFQDADGCELAENITYLGRKGVFTGSSGLQIVYLSGTESLDEPVPAPHSFSPKDVSSLRTML
 CSASQFKGVDILLTSPWPKYVGSFGNSSGEVDTKNCGSALISSLAVSLKPRYHFAALEKSYERLPYRNH
 VVLQESAQHATRFIALANVGNPEKKYLYAFSIVPMKLMVAELVKQPPDVTENPYRDSGKQAAGGKHIP
 APQEESACQFFDLSEKQGRKRPSTGRDTRPPHAKQPRKPPQPPGPCWFCLASPEVEKHLVYVNIETHCYL
 ALAKGGLSDDHVLILPIGHYQSVVELSAEVVEEVEKYATLQRFKSRGKRCVLFERNYRSHHLQLQVIP
 VPLSCCATDDIKDAFITQAQEQIELLEIPEHSDIKQIAQPGAAYFYVELDTGEKLFHRIKKNFPLQFGR
 EVLASEAILNIPEKADWRQCQTSKDEEEALARRFRKDFEPFDFTLDD

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: BC037640

ORF Size: 1613 bp

OTI Disclaimer: 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: [BC037640](#), [AAH37640](#)

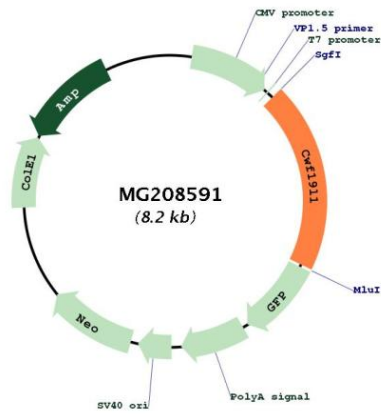
RefSeq Size: 2192 bp

RefSeq ORF: 1613 bp

Locus ID: 72502

Cytogenetics: 19 C3

Product images:



Circular map for MG208591