

Product datasheet for **MG209809**

Zfp663 (NM_001005425) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Zfp663
Synonyms:	Gm1008; RP23-395E18.6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >MG209809 representing NM_001005425
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTAAAGCCAGGGACCACTGTTGTTGCAAGATGTGTCTGTGGTCTTCACTCAGAAGGAGTGGCAGC
TGCTGGATGCTGCCAGAGGCACCTGTACAGGGAAGTGATGCTGGAGACCTACAGGCACCTACGAGCAGT
GGGGCACAATGTAACCAAACTGAGCTGATATGCAAGCTGGAGCAAGGAGAAAGCCCTTGGGAACCTCA
GGCCACAGCCTCTCAGAAGTCCAGAGGGCCGATACCATGACAACAAATGAAGAAAACGGAGGCAGATATT
TGAGTCAAACTTTATCAGTGATGAACACTGACTAAGAGAAGAAGCAAGGATCTAAAGAAATCGTTCA
TCTGGCTACAGACCCAGAGCCCTCAAGAGCAATACGTGAGAAGTGTGCTCAATGGAAGCAAGCTTGGAA
AACATCACAGGATTAGTTACTGGCAACAGAAACACACAACAAAAAGTTGGATGGTTTAGTTGGCTCCA
GGTCGCTGATGAAAGATCTCATATAGGATGTAAAACTGTGAACGTGACCCAAAGAAAAATCCCACAG
TCCTATGGAGGGCCCTACTCAACAGCAGAAGACATCGCTTTGGAGCAACTTCTTGAATATCAAAATTGT
GGGAAGACCTCACACACAAAGGCAGCCTCTGTCTATACCCAGACAGTTCACGCAGGACAGGATAGCAAA
ACACACAAGCCACTGCCACAAGATAAGGTTCCAGTCTTTCTAAGAACCTACGTGAAAGGAAGAAGCA
AGAGGCTAGCCAACATGGAAGAGCACTGTGTGTGAAGTCAAGCATGAACCTGCAGGAACCTCTGTAAAG
GAGAACTCTGTGGCGTGGCATGCTTGAGAAACCTATAAGAGAAATTTGGATCTTTGCAGAGGTCAGA
GAAGGCAGCCAGGAGAGCCTGAATGTAGTGTGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG
TGAGGAACCTCATGTGGGAGAGAAATCTGTGCCAGTGGGAACCTGTGGGGAACCTTCTGGAAGGCCA
CGTCTTTCTCAGAACCGGAAACTTGCACAGCAGAAAAACCAAGTGTGCAGACACACAAACAGCCTTAA
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GAGGTCTCCGCTCCTCTCCCGCAAGGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG
CCGGAGTGTGAGGGAATGAGAAGCCGGACCATAGTGAAGAACAGAGCCTTTGCAAGAACAGAAAGCCC
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CAGAGAACTCACACGGGAGAGAAACCTATGAATGTAAAGAGTGTGGAAGTCAATTTGCCAAAAATACG
CCCTCACGGTACACCAGAGAACTCACACGGGAGAGAAACCATACAAGTGAACGAATGTGGGAAACTTT
CTGCGTGAAATCCAACCTTACCAACACCAAGGACTCACACGGGGGATAAGCCGTACAAGTGCAGCGAA
TGCTGGAGGTCGTTCTGTGTCAAGTCCAACCTCGTCTGTCACCAGAGAACTCACACTGGAGAGAAGCCCT
ACAGATGTCTCGAGTGTGGGAAGACCTTCTATGAGAAATCTGCCCTCACAAAACATCGGCGGATTACAC
AGGGGAAAAACCTTATGAATGCGAGGAATGCAAAAAAGTTTCAGCCAGAGGTGCGCCCTTACCAAGCAC
CAAAGAAAAACGCACAAGAAGAAAAACCCACCGGCAGCCGCGCGGCAGAAATCTGAACCAACACGCG
AAGCTCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG209809 representing NM_001005425
Red=Cloning site Green=Tags(s)

MFKSQGPVLFEDVSVVFTQKEWQLDAAQRHLYREVMLETYRHLRAVGHNVTKPELICKLEQGESPWEP
GHSLSEVQRADMTTNEENGGRYLSQIFISDETLTKRRSKDLKEIVHLATDPEASRAIRQCCSMEASLE
NITGLVTGNRNHTTKLDGLGSRSPDERSHIGCKNCERDPKKKSHSPMEGPTQQQKTSRLEQLLEYQNC
GKTSHTKAASVIHQTVHAGQDSKYTQATAHKIRFQSFLRTLREKKQEAHQHGKALCVKSKHEPAGTPVR
EKL CGRMLEKPYEKL DL CRGQRQPGEPECSVSENAISSPHLQNEELHVGEKICASGNCGGTLPGKP
RLSQNRKTCTAEKPKCADTQTALKTSHQILHPLRLSTREKTPKGDECGRSPLLSRKELRCSQYGRPSLGEK
PECEGNEKPDHSENQSLCKEQAHEGCKCEEGCPKTASLPQHQSSTHEKTYACNECNKSFVLSHLTEH
QRTHTEKPYECKGSKFCQKYALTQVHQRTHTGEKPYKNECGKTFVKSNTLQHQRTHTGDKPYKCE
CWRSFCVKSNTLVHQRTHTGEKPYRCLECGKTFYEKSALTKHRIHTGEKPYECEECKKSFQSRSALTKH
QRKTHKKKTPTGSPRGQKSEPTSEAH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001005425

ORF Size: 1968 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.

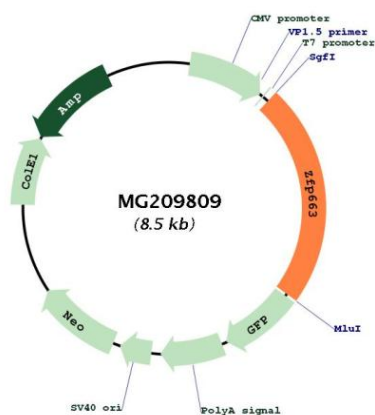
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001005425.2](#)

RefSeq Size: 3337 bp

RefSeq ORF: 1971 bp
Locus ID: 381405
Cytogenetics: 2 H3

Product images:



Circular map for MG209809