

Product datasheet for **MG204908**

Ifngr2 (NM_008338) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifngr2 (NM_008338) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ifngr2
Synonyms:	Ifgr2; Ifgt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204908 representing NM_008338 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGCCTTTGCCACTGTGGCTGCCGTCGCTGCTCTGTGGGCTCGGTGCCGCGGCTCCTCGCCAG
ACTCGTTTTCCAGCTTGGCGCCCTCTGAACCAAGGCTTACCTGTACAATGATGAGCAGATTCTAAC
TTGGGAGCGTCACCTTCCAGCAATGACCAAGACCAGTGGTCTACCAGGTGGAATATAGCTTCATCGAT
GGCTTTGGCATAGTTGCTGGAGCCGAAGTGTACGGACATCACAGAGACAAAGTGTGACTTAACAGGAG
GCGGCCGCTTGAAGCTTTCCACACCCATTACAGTCTTCTGCGGGTGCAGCAAGCGAGGAAACCT
CACTTCCAAGTGGTGGGCTGGAGCCATTTCAACTATGAGAATGTTACTGTTGGACCTCCGAAAAAC
ATCTCGGTGACCCAGGAAAAGTTCCCTCGTCATACACTTCTCCCTCCCTTTGATGTGTTCCACGGGG
CAACTTTTCAGTATCTTGTCCACTACTGGGAAAAGTCAGAAAACCAACAGGAACAGGTTGAAGGCCCTTT
CAAGAGCAACTCCATTGTGCTGGCAATCTGAAGCCATACAGAGTATATTGTTTACAAACTGAGGCACAA
CTGATTTTGA AAAA AAAAAATCCGACCACATGGGCTCTTGAGCAATGTATCCTGTACGAAACACAG
CAAATGCCTCCGCCAGGCTGCAGCAAGTCATCCTGATTCGTTGGGCATCTTCGATTGCTGCTCGGCCT
GACGGGCGCCTGCTTACCCTGTTCTCAAATACCAAAGCCGAGTGAAGTACTGGTTTCAGGCTCCGCCA
AACATCCCGGAACAAATCGAAGAGTATCTAAAGGACCCAGACCAATTCATCTTAGAGGCTTGGACAAGG
ACGGTTACCCGAAGGAGACTCCTGGGACTCCGTGTCAATTATTTCTTCCAGAAAAGGAGCGAGATGA
TGTGCTCAAACACCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204908 representing NM_008338
 Red=Cloning site Green=Tags(s)

MRPLPLWLPSLLL CGLGAAASSPDSFSQLAAPLNPRHLHLYNDEQILTWEPSPSSNDPRPVVYQVEYSFID
 GSWHRLLEPNCTDITETKCDL TGGGRLKLFPHPTVFLRVRAKRGNTSKWVGLPEPFQHYENVTVGPPKN
 ISVTPGKGLVIHFSPFPDFVHGATFQYLVHYWEKSETQQEQVEGPFKSNISIVLGNLKP YRVYCLQTEAQ
 LILKNKIRPHGLLSNVSCHETTANASARLQQVIL IPLGIFALLLGLTGACFTLFLKYQSRVKYWFQAPP
 NIPEQIEEYLKDPDQF ILEVLDKDGSPKEDSWDSVSI ISSPEKERDDVLQTP

TRTRPLE - GFP Tag - V

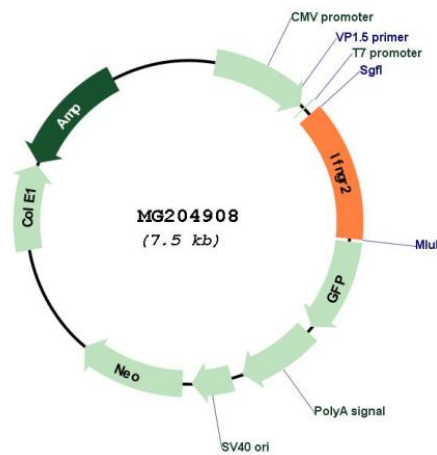
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_008338

ORF Size: 996 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:	<ol style="list-style-type: none">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_008338.4
RefSeq Size:	2070 bp
RefSeq ORF:	999 bp
Locus ID:	15980
Cytogenetics:	16 53.07 cM