

Product datasheet for **MR223767**

Ogfr11 (NM_001081079) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ogfr11 (NM_001081079) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ogfr11
Synonyms:	2210417C17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR223767 representing NM_001081079
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCAACCTGCTCGGCGGGTACAGTTCGCGAGCCACCACCGTGGAGGACTGCGACTCCACCTGGC
 AGACCGATTTCGGAGCCCAGCCGAGCAGCCGGGCGCGCAGGCGGTGGCGAGGGCCAGCAGCACGACGA
 GCCGGAGCAGCCCAAGCAACCTCCCGAGAGAGCCGGAGGGCGGCCCGCGCCAGCCCGTCCCGAGGAC
 CACGCCGAGGCGGGCGGGCAGGAGCGGCGAGTCCACGGAAGGAAATGCCAAACCAAGAGAAGCT
 TCTATGCCGCGAGGGATCTGTACAAGTACCGACATCAGTACCCAACTTCAAAGATATCCGATATCAAAA
 TGACTTGAGCAACCTTCGCTTTTATAAGAACAATTCATTTAAGCCGGATGGTGTTCATTGAAGAG
 GTTCTAAATAAGTGGAAAGGGGACTACGAGAAGCTGGAGCACAACCACACGTACATCCAATGGCTTTTCC
 CCCTGAGAGAACAAGGCTTGAACTTTTATGCTAAAGAATTAACCACATATGAAATCGAGGAATTCAAAA
 AACAAAGGAAGCAATCAGAAGATTCCTCTTGGCTTATAAATGATGCTAGAGTTTTTTGGAATAAGCTG
 ATTGATAAGACTGAAATGTTGCTCGGGCCGAAACTGGCAAGAAAGATTTCAACATCTTAATGAGTCTC
 AGCACAACATTTAAGAATTACGCGAATTCCTAAAAGCCTTGGCGAGCTTGGATACGAGAGTTTTAATC
 TCCTCTGGTAAAATTCATTCTTCACGAGGCTCTAGTGGAGAATACTATCCCAATATTAAGCAGAGTGCT
 CTGGAGTACTTTGTTTATACAATTAGAGACAGGAGAGAGAGGAGAAAGCTCCTGCGATTTGCCGAGAAAC
 ATTACACACCATCAGAGAATTTTCATCTGGGGGCCACCTAAGAAAGAACTGCCAGAGCGAAGCAAAGCCCA
 GAAAACCCCGACTCTGCCCGCTCGGGTCCAATGGTCAAACCTTACACACAAGAAATCCAAGGACTCC
 AAAATTTCCCGAGGACTAGTACGTAATAGCAAATCAGTGGAAAGAAAAAGGGGCGATCAAGAGAGC
 CTGGGGAGGAGGGCGACAAGCCGAGCCAGAGCCTGGCAGTGGAGATCCCAAGCCAAGAAACACAGAGAA
 AGACAGTGTCTGACCAATCTGATTCCTCACCCGAGAAAAACAGTTCTGATACCGCAGGAAAAGGGGAA
 TGTCAACTTCTTCTGAAAAAGATGGAGAAGGGGAAGACCAGAGCAAAGACTCTGAAAATCCTGAAAATG
 CCGGTTGTCTGCTGAGGTAGTGGCACAGCAAAATGCCACAAACCACAAACCAGTTCTGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223767 representing NM_001081079
 Red=Cloning site Green=Tags(s)

MGNLLGGVSFREPPTVEDCDSTWQTDSEPEPEQPGPAGGGEGQQHDEPEQPKPPERAGGRPRASPVPED
 HAEAAGAEQGGESTEGNAKPKRSFYAARDLYKYRHQYPNFKDIRYQNDLSNLRFYKNKIPFKPDGVYIEE
 VLNKWKGDYKLEHNHTYIQWLFPLREQGLNFYAKELTTYEIEEFKKTKEAIRRFLAYKMMEFFGIKL
 IDKTGNVARAGNWQERFQHLNESQHNYLRITRILKSLGELGYESFKSPLVKFILHEALVENTIPNIKQSA
 LEYFVYTIIRDRRERRKLLRFAQKHYTPSENF IWGPPKELPERSKAQKTPTLPASGSNGQSTHKKSKDS
 KISPGASHVNSKSVEEKKGASREPGEADKPSPEPGSDPKPRNTEKDSAADQSDSPPEKTVPDTAGKGE
 CPTSSEKDGEGEDQSKDSENPENAGCHAEVVAQQNATNPQTSSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9090_d04.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001081079

ORF Size: 1392 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](#)

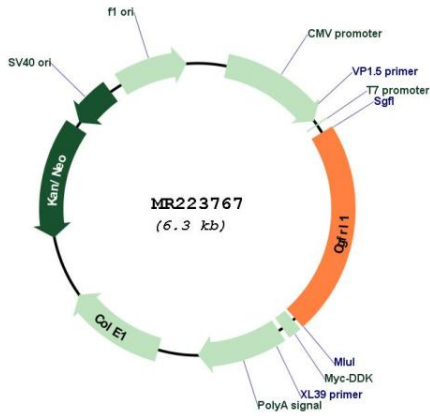
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001081079.1](#), [NP_001074548.1](#)
 RefSeq Size: 4844 bp
 RefSeq ORF: 1395 bp
 Locus ID: 70155
 UniProt ID: [Q8VE52](#)
 Cytogenetics: 1 A5
 MW: 52.3 kDa

Product images:



Circular map for MR223767