

Product datasheet for **MC219920**

Ogfr (NM_031373) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ogfr (NM_031373) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ogfr
Synonyms:	2010013E17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219920 representing NM_031373
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACGACCCGGAATGCGATTCCACTGGGAGGACGAGAGCGAGGAGGACGGCGAGGATGGCCAGGCGG
 ATGATACGACCGATGAGGACACGGGCGACGATGACGGCGACGCGAGGAGGCACGGCCAAGCCTGTTCCA
 GTCTAGGATGACAAGGTACCGAAACTGGCGTGCTATGCAGGACATGCAAAGATACCGGCACAACCTACCCG
 GATTTGACAGATCAAGACTGCAACGGAGACATGTGCAACCTGAGCTTCTACAAAAATGAGATCTGCTTCC
 AGCCAAATGGCTTCTCATTGAGGACATTTCCAGAAGTGGAAAGACAATATGACCTCTGGAAGAGAA
 TCACTCTACATCCAGTGGCTGTTCCCTGAGGGAACCGAGGTGAAGTGGCATGCCAAGCCCTCACA
 CTGAAGGAGGTTGAGGCATTTAAAAGCTCCAAGGAAGTCAGAGAGCGTCTGTCCGGCCTATGAGCTCA
 TGCTGGGCTTCTATGGGATCCAACCTGAGGACCGGAACACAGGCGCCGTATGCCGTGCACAGAATTCCA
 GCCACGCTTCCACAATCTCAACAGCCACAGCCACAACAATCTGCGTATTACACGCATCTCAAGTCGCTG
 GCGGAGCTGGGCTTAGAGCACTACCAGGACCCGCTGGTGCCTTCTTCTGGAGGAGACCCCTAGTACAGC
 ACAAACTGCCAGCGTTCGCCAGAGTGCCTGGACTACTTCTGTTTGGCGTGGCGTCCCGGACCCAGCG
 CCGGGAGCTCGTGCACTTGTCTGGGAGCACTCAAGCCTCGCCGAGAGTTGTCTGGGGCCCCGTGAC
 AAGCTGCGGAGGTTGAGGCCAGACTATATCCCGGCACTGATGGGACTAGGGCAGGCAGATAAAGATG
 AGGGCCCCGGGGACCCCTCCCAAGAGGCTGGCACCAGGGTCGGACCTGTGGATCTGGAAGGGACCTGAG
 TGGGGACAGTGGAAACAGCTGAGGATCTCTACTGTTGAGCGCAAACCCAGGATGTGGGAACCTTGGAT
 GGGGACCAAGGCATGAGGCTAAGTCCCGAGTCCCAAGAAAGCAAGAAGAGGAAGTTGGAGGGGAACA
 GGCAGGAGCAGGTCCAGGGGAGCCAGATCCTCAGGGTGTCTCTGAGGTAGAGAAAATTGCCCTCAACCT
 TGAGGGGTGTGCCCTCAGCCCTACCAGCCAGGAGCCAGGGAGGCTGAACAGCCCTGTCTTGTGGCTAGG
 GTGGCTAATGAGGTAAGAAAACGGAGGAAGGTGGAGGAAGGAGCTGAGGGTGATGGAGTAGCCAGTAACA
 CTCAAGTGCAGGCCAGTGCCCTGTCTCCTACCCCTTCAAGTGTCTGAGTCCCAAAAGGATGGGAATGG
 GCCAGAGGACCCCAAAAGCCAGGTGGGGCCAGAAGACCCCAAAAGCCAGGTGGGGCCAGAGGACCCCAAA
 AGCCAGGTGGGGCCAGAGGACCCCAAAAGCCAGGTGGGGCCAGAGGACCCCAAAAGCCAGGTGGAGCCAG
 AGGACCCAAAGCCAGGTGGGGCCAGAAGACCCCAAAAGCCAGGTGGGGCCAGAGGACCCCAAAAGCCCA
 GGTGGGGCCAGAGGACCCCAAAAGCCAGGTGGGGCCAGAGGACCCCAAAAGCCAGGTGGAGCCAGAGGAC
 CCCAAAGCCAGGTGGAGCCAGAGGACCCCAAAAGCCAGGTGGAGCCAGAGGACCCCAAAAGCCAGGTGG
 GGCAGAGGACCCCAAAAGCCAGGTGGGGCCAGAGCAAGCTGCCTCTAAGAGCCTGGGGGAGGATCTCTGA
 CTCTGACACTACAGGAACCTCAATGAGTGAAGTCAAGGAGTGGCAAGGATTGAGGCCTCTGTTGAACCC
 CCAAAGCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_031373
- Insert Size:** 1902 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_031373.3](#), [NP_113550.3](#)

RefSeq Size: 2306 bp

RefSeq ORF: 1902 bp

Locus ID: 72075

UniProt ID: [Q99PG2](#)

Cytogenetics: 2 H4

Gene Summary: Receptor for opioid growth factor (OGF), also known as Met-enkephalin. Seems to be involved in growth regulation (By similarity).[UniProtKB/Swiss-Prot Function]