

Product datasheet for **MC218441**

Ogfr (BC003875) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ogfr (BC003875) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ogfr
Synonyms:	2010013E17Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC003875
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACGACCCGGAATGCGATTCCACTTGGGAGGACGAGAGCGAGGAGGACGGCGACGATGGCCAGGCGG
 ATGATACGACCGATGAGGACACGGGCGACGATGACGGCGACGCGAGGAGGCACGGCCAAGCCTGTTCCA
 GTCTAGGATGACAAGGTACCGAAACTGGCGTGCTATGCAGGACATGCAAAGATACCGGCACAACCTACCCG
 GATTTGACAGATCAAGACTGCAACGGAGACATGTGCAACCTGAGCTTCTACAAAAATGAGATCTGCTTCC
 AGCCAAATGGCTTCTCATTGAGGACATTCTTCAGAACTGGAAAGACAATATGACCTCCTGGAAGAGAA
 TCACTCTACATCCAGTGGCTGTTTCCCCTGAGGGAACCGAGGTGAACCTGGCATGCCAAGCCCCTCACA
 CTGAAGGAGGTTGAGGCATTTAAAAGCTCCAAGGAAGTCAGAGAGCGTCTGTCCGGGCTATGAGCTCA
 TGCTGGGCTTCTATGGGATCCAACCTGAGGACCGGAACACAGGCGCCGTATGCCGTGCACAGAATTTCCA
 GCCACGCTTCCACAACCTCAACAGCCACAGCCACAACAATCTGCGTATTACACGCATCCTCAAGTCGCTG
 GCGGAGCTGGGCTTAGAGCACTACCAGGACCCGCTGGTGCCTTCTTCTGGAGGAGACCCTAGTACAGC
 ACAAACTGCCAGCGTTCGCCAGAGTGCCTGGACTACTTCTGTGGCGTGGCGTGGCCGACCAAGCG
 CCGGGAGCTCGTGCACTTGTCTGGGAGCACTTCAAGCCTCGCCGAGAGTTGTCTGGGGCCCCGTGAC
 AAGCTGCGGAGGTTTCAAGCCAGACTATATCCCGGCACTGATGGGATTAGGGCAGGCAGATAAAGATG
 AGGGCCCCGGGGACCCCTCCCAAGAGGCTGGCACCAGAGTTGGACCTGTGGATCTGGAAGGACCTGAG
 TGGGGACAGTGGAAACAGCTGAGGATCTCTACTGTTGAGCGCAAACCCAGGATGTGGGAACCTGGAT
 GGGGACCAAGGCATGAGGCTAAGTCCCGAGTCCCAAAGAAAGCAAGAAGAGGAAGTTGGAGGGGAACA
 GGCAGGACAGGTCCCAGGGGAGCCAGATCCTCAGGGTGTCTCTGAGGTAGAGAAAATGGCCCTCAACCT
 TGAGGGGTGTGCCCTCAGCCCTACCAGCCAGGAGCCAGGGAGGCTGAACAGCCCTGTCTTGTGGCTAGG
 GTGGCTAATGAGGTAAGAAAACGAGGAAGGTGGAGGAAGGAGCTGAGGGTGTGGAGTAGCCAGTAAACA
 CTCAAGTGCAGGCCAGTGCCCTGTCTCCTACCCCTTCAAGTGTCTGAGTCCCAAAAGGATGGGAATGG
 GCCAGAGGACCCCAAAAGCCAGGTGGGGCCAGAAGACCCCAAAAGCCAGGTGGGGCCAGAGGACCCCAAA
 AGCCAGGTGGGGCCAGAGGACCCCAAAAGCCAGGTGGGGCCAGAGGACCCCAAAAGCCAGGTGGGGCCAG
 AGGACCCCAAAAGCCAGGTGGGGCCAGAGGACCCCAAAAGGTCAGGTGGGGCCAGAGGACCCCAAAAGCCA
 GGTGGGGCCAGAGGACCCCAAAAGCCAGGTGGAGCCAGAGGACCCCAAAAGCCAGGTGGGGCCAGAGCAA
 GCTGCCTCTAAGAGCCTGGGAGAGGATCCTGACTGACTACAGGAACCTCAATGAGTGAGTCAGAGG
 AGTTGGCAAGGATTGAGGCTCTGTTGAACCCCAAGCCTTAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: BC003875

Insert Size: 1794 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: [BC003875](#), [AAH03875](#)

RefSeq Size: 2120 bp

RefSeq ORF: 1793 bp

Locus ID: 72075

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]