

Product datasheet for **RN208794**

Ogfr (NM_053340) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ogfr (NM_053340) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ogfr
Synonyms:	MGC124590
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208794 representing NM_053340
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGACCCGGACTGCGATTCCACTGGGAGGAGAGAGCGAGGAGGACGGCGAGGATGGCCAAGCGG
 ATGATACGACCGATGAGGACACGGGCGACGATGACGGCGACGCGAGGAGGCACGGCCAAGCCTGTTCCA
 GTCAGGATGACAGGGTACCGAACTGGCGTGCTATGCAGGACATGCAAAGATACCGGCACAACCTACCCG
 GATTTGACAGATCAAGACTGCAATGGTGACATGTGCAACCTGAGCTTCTACAAAAATGAGATCTGCTTCC
 AGCCAAATGGGGCTCTCATCGAGGACATTCTCAGAAGTGGAAAGACAATATGACCTCTGGAAGAGAA
 TCACTCTACATCCAGTGGCTGTTTCTCTGCGGGAACAGGAGTGAAGTGGCACGCCAAGCCCTCACC
 CTGAAGGAGGTTGAGGCATTTAAAAGCTCCAAGGAAGTCAGAGAGCGTCTGTCCGGGCTATGAGCTCA
 TGCTGGGCTTCTATGGGATCCACCTTGAGGACCGGGCACGGGTGCTGTATGCCGTGCACAGAATTCCA
 GCCGCGCTTCCACAATCTGAACAGCCACAGCCACAACAACCTGCGTATTACACGCATCTCAAGTACTG
 GGTGAGCTGGGCTTAGAACACTACCAGGACCCCTGGTCCGCTTCTCTGGAGGAGACCCTGTACAGC
 ACAAACTGCCAGCGTGCGCCAGAGTGCCTGGACTACTTCTGTTCGCTGTGCGCTGCCGGCACCAGCG
 CCGGGAGCTTGTGTACTTTGCTGGGAGCACTTCAAGCCTCGCCGAGAGTTTGTCTGGGGCCCCGTGAC
 AAGCTGCGGAGATTCAAGCCCCAGACCATACCCAGCCACTGACGGGACCAGGGCAGGCAGATAAAGATG
 AGGGCTCCAGGGACCCCTCCCAAGAGGCTGGCACCCAGGGTGGACCTGTGGATCTGGAAGGGACCTGAG
 TGGGGACAGTGGAAACAGCTGAGGATCCCTCACTGCTGAACACAAGCCCTCAGATGGGGGAACCTTGGAT
 GGAACAGAGGGATGAAGCTAAGTCCCTGAGTCCCAAGGAGAGCAAGAAAAGGAAGTTGGAGGGGAACA
 GGCAGGAGCAGGTCCCAGGGGAGGCAGATCCCCAGGGTGTCTCTGAGGTAGAGAAAATGCCCTAACCT
 TGAGGAGTGTGCCCTTAGCCCTATCAGCCAGGAGCCAGGGAGGCTGAACCGCCCTGTCTGTGGCCAGG
 GTGGCTAATGAGGTAAGAAAGCGGAGGAAGGTGGAGGAAGGGGCTGAGGGTATGGAGTAGTCAAGTAA
 CTCAAATGCAGGCCAGTGCCTGCCTCCTACCCCTTCAAGTGTCTGAGGCCAAAAGGATGGGAATGG
 GCCAGAGGACTCAAACAGCCAGGTTGGGGCAGAGGATTCCAAAAGCCAGGTGGGGCCGAGGATCCAAAC
 AGCCAGGTGGGGCTGGAGGACCCAAACAGCCAGGTGGGGCCAGAGGACCCAAACAGCCAGGTGGGGCCAG
 AGGACCCAAACAGCCAGGTGGGGCCAGAGGACCCAAACAGCCAGGTGGTGGGGCCAGAGCAAGCTGCCTC
 TAAGAGCCCTGTGGAGGACCCTGACTCTGACACTATGGGAACCTCAGTGGATGAGTCAGAGGAGTTGGCA
 AGGATTGAGGCCCTGTCTGAACCCCAAAGCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_053340

Insert Size: 1716 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_053340.2](#), [NP_445792.2](#)

RefSeq Size: 2060 bp

RefSeq ORF: 1716 bp

Locus ID: 83525

Cytogenetics: 3q43

Gene Summary: a receptor for native opioid growth factor Met(5)-enkephalin [RGD, Feb 2006]