

Product datasheet for **RN208190**

Fgfr1 (NM_199114) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgfr1 (NM_199114) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgfr1
Synonyms:	Fgfr5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208190 representing NM_199114
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCGGAGCCCCGCGTGTCTGCTGCTATTGGGGCCCTCCCGTCGGCTGAGGCGGCGGAGGAC
 CCCAAGAATGGCAGACAAAGTGGTCCCACGGCAGGTGGCCCGCTGGGCCGACTGTGCGGCTACAGTG
 CCCAGTGGAGGGGACCCACCACCGTTGACCATGTGGACCAAAGATGGCCGCACGATCCACAGTGGCTGG
 AGCCGCTTCCGTGTGCTGCCCCAGGGGTGAAGGTGAAGGAGGTGGAGGCCGAGGATGCCGGTGTATTATG
 TGTGCAAGGCCACCAATGGCTTCGGCAGCCTCAGCGTCAACTATACTCTCATCATGATGACATTAG
 TCCAGGGAAGGAGAACCCTGGACCAGGTGGCTCTTCTGGGGCCAGGAAGACCCAGTCAGCCAGCAGTGG
 GCACGGCCTCGCTTACACAGCCCTCAAGATGAGGCGCCGAGTGATTGCACGGCCCGTGGGTAGCTCTG
 TCGGGCTCAAGTGTGTGGCCAGTGGGCACCCACGGCCTGACATCATGTGGATGAAGGATGACCAGACCTT
 GACACGCTAGAGGCCAGTGAACACAGAAAGAAGAAGTGGACGCTGAGCTTGAAGAACCTGAAGCCTGAA
 GACAGTGGCAAGTACACGTGCCGTGTATCCAACGGGCAGGTGCCATCAACGCCACTACAAAGTGGATG
 TAATCCAGCGTACTCGTTCCAAGCCTGTGCTCACGGGGACACACCTGTGAACACAAACGGTGGACTTCGG
 TGGGACAACGTCCTTCCAGTGAAGGTGCGCAGCGACGTGAAGCCTGTGATCCAATGGCTAAAGCGGGTG
 GAGTACGGCTCTGAGGGTCGCCACAACCTCCACCATTGATGTGGGTGGCCAGAAGTTTGTGGTGTGCCCA
 CGGGTGATGTGTGGTCACGGCCTGACGGCTCCTACCTCAACAAGTGTCTCATCTCGGGCCCGCCAGGA
 TGATGTGGCATGTACATCTGCCTGGGTGCAAACACCATGGGCTACAGTTTCCGTAGCGCCTTCTCACT
 GTATTACCAGACCCAAACCTCCAGGGCCTCCTGTGGCTCATTATCCTCAACCACCAGCCTGCCGTGGC
 CTGTGGTGATCGGCATCCAGCAGGTGCTGTCTCATCCTAGGCACGGTGTGCTCTGGCTTTGCCAGAC
 TAAGAAGAAGCCATGTGCCCTGCATCCACACTTCTGTGCTGGGCATCGTCCCCAGGGACATCCCGA
 GAACGCAGTGGTGACAAGGACCTGCCCTCATTGGCTGTGGGCATATGTGAGGAGCATGGATCCACCATGG
 CCCCCAGCACATCTGGCCCCAGGCTCAACTGCCGGCCCCAAGCTGTACCCTAAGCTGTACACAGATGT
 GCACACGCACACGCATACGCACACATGCACACACGCTCTCATGTGGAGGGCAAGGCTCATCAGACCA
 GCATGTCCACTATCAGTGCTAAATACAGCCAATCTCCAAGCACTGTGTCCGAGGTGGGCGTATGGGGCC
 CAAGGCAGCAGGTTGGGAGGATTGAGAACAATGGAGGAAGAGTATCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_199114
- Insert Size:** 1590 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_199114.1](#), [NP_954545.1](#)

RefSeq Size: 2351 bp

RefSeq ORF: 1590 bp

Locus ID: 360903

UniProt ID: [Q7TQM3](#)

Cytogenetics: 14p22

Gene Summary: transmembrane receptor; has a negative effect on cell proliferation and may act as a decoy receptor for FGF ligands [RGD, Feb 2006]