

## Product datasheet for **RR208190**

### **Fgfr11 (NM\_199114) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fgfr11 (NM_199114) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fgfr11
Synonyms:	Fgfr5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR208190 representing NM\_199114  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACCGGAGCCCCGCGTCTGCTGCTGCTATTGGGGCCCTCCCGTCGGCTGAGGCGGCGCAGGAC  
 CCCAAGAATGGCAGACAAAGTGGTCCCACGGCAGGTGGCCCGCTGGGCGCACTGTGCGGCTACAGTG  
 CCCAGTGGAGGGGACCCACCACCGTTGACCATGTGGACCAAAGATGGCCGCACGATCCACAGTGGCTGG  
 AGCCGCTTCCGTGTGCTGCCCCAGGGGTGAAGGTGAAGGAGGTGGAGGCCGAGGATGCCGGTGTATTATG  
 TGTGCAAGGCCACCAATGGCTTCGGCAGCCTCAGCGTCAACTATACTCTCATCATCATGGATGACATTAG  
 TCCAGGGAAGGAGAACCCTGGACCAGGTGGCTCTTCTGGGGCCAGGAAGACCCAGTCAGCCAGCAGTGG  
 GCACGGCCTCGCTTACACAGCCCTCAAGATGAGGCGCCGAGTGATTGCACGGCCCGTGGGTAGCTCTG  
 TCGGGCTCAAGTGTGTGGCCAGTGGCACCCACGGCCTGACATCATGTGGATGAAGGATGACCAGACCTT  
 GACACGCTAGAGGCCAGTGAACACAGAAAGAAGAAGTGGACGCTGAGCTTGAAGAACCTGAAGCCTGAA  
 GACAGTGGCAAGTACACGTGCCGTGTATCCAACCGGGCAGGTGCCATCAACGCCACTACAAAGTGGATG  
 TAATCCAGCGTACTCGTTCCAAGCCTGTGCTCACGGGGACACACCCTGTGAACACAAACGGTGGACTTCGG  
 TGGGACAACGTCCTTCCAGTGAAGGTGCGCAGCGACGTGAAGCCTGTGATCCAATGGTAAAGCGGGTG  
 GAGTACGGCTCTGAGGGTCGCCACAACCTCCACCATTGATGTGGGTGGCCAGAAGTTTGTGGTGTGCCCA  
 CGGGTGATGTGTGGTACGGCCTGACGGCTCTACCTCAACAAGTGTCTCATCTCGGGCCCGCCAGGA  
 TGATGTGGCATGTACATCTGCCTGGGTGCAAACCAATGGGCTACAGTTCCGTAGCGCCTTCTCACT  
 GTATTACCAGACCCAAACCTCCAGGGCCTCCTGTGGCTCATTCCTCAACCACCAGCCTGCCGTGGC  
 TGTGGTGTGATCGGCATCCAGCAGGTGCTGTCTCATCTAGGCACGGTGTGCTCGCTTGGCTTGGCAGAC  
 TAAGAAGAAGCCATGTGCCCTGCATCCCACTTCTGTGCTGGGCATGTCCTCCCGAGGACATCCCGA  
 GAACGCAGTGGTGAAGGACCTGCCCTCATTGGCTGTGGGCATATGTGAGGAGCATGGATCCACCATGG  
 CCCCCAGCACATCTGGCCCCAGGCTCAACTGCCGGCCCCAAGCTGTACCCTAAGCTGTACACAGATGT  
 GCACACGCACACGCATACGCACACATGCACACACGCTCTCATGTGGAGGGCAAGGCTCATCAGACCA  
 GCATGTCCACTATCAGTGCTAAATACAGCCAATCTCCAAGCACTGTGTCCCGAGGTGGGCGTATGGGGC  
 CAAGGCAGCAGGTTGGGAGGATTGAGAACAATGGAGGAAGAGTATCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR208190 representing NM\_199114  
 Red=Cloning site Green=Tags(s)

MTRSPALLLLLLGALPSAEAAARGPPRMADKVVPRQVARLGRVRLQCPVEGDPPLTMWTKDGRTHSGW  
 SRFRVLPQGLKVKEVEAEDAGVYVCKATNGFGSLSVNYTLIIMDDISPGKENPGPGSSGGQEDPVSQQW  
 ARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRPDIMMMKDDQTLTRLEASEHRKKKWLTKLNLKPE  
 DSGKYTCRVSNRAGAINATYKVDVIQRTRSKPVLGTGHPVNTTVDFGGTTSFQCKVRSVDPVPIQWLKRV  
 EYGSEGRHNSTIDVGGQKFVVLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT  
 VLPDPKPPGPPVAHSSSTSLPWPVVIGIPAGAVFILGTVLLWLCQTKKKPCAPASTLPVPGHRPPGTSR  
 ERS GDKDLPSLAVGICEEHGSTMAPHILAPGSTAGPKLYPKLYTDVHTHTHTHTCTHTLSCGGQSSAP  
 ACPLSVLNTANLQALCPEVGVWGPRQVGRINNGGRVS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

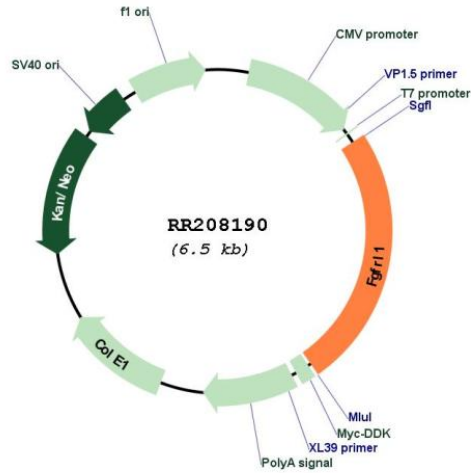
Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

Plasmid Map:



<b>ACCN:</b>	NM_199114
<b>ORF Size:</b>	1587 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_199114.1</a> , <a href="#">NP_954545.1</a>
<b>RefSeq Size:</b>	2351 bp
<b>RefSeq ORF:</b>	1590 bp
<b>Locus ID:</b>	360903
<b>UniProt ID:</b>	<a href="#">Q7TQM3</a>
<b>Cytogenetics:</b>	14p22
<b>MW:</b>	57.1 kDa
<b>Gene Summary:</b>	transmembrane receptor; has a negative effect on cell proliferation and may act as a decoy receptor for FGF ligands [RGD, Feb 2006]