

## Product datasheet for **RN200452**

### **Fgfr2 (NM\_012712) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fgfr2 (NM_012712) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgfr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN200452 representing NM\_012712  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGATTACCGTCCACATGGAGATATGGAACAGGACCAGGGATTGGCACCGTGACCATGGTCAGCTGGG  
 GCGCTTCATCTGCCTGGTCTTGGTCACCATGGCAACCTTGTCCCTGGCCCGCCCTCCTTCAGTTTAGT  
 TGAAGATAACACTTTAGAACAGAGCCACCAACAAATACAAATCTCCCAACCAGAAGCGTGCGTG  
 GTTGCCCCCGGGAGTCGCTAGAGTTGCGCTGCATGTTGAAAGATGCCGCCGTGATCAGTTGGACTAAGG  
 ATGGGGTGCACCTTGGGGCCCAACATAGGACAGTGCTTATTGGGGAGTACCTCCAGATAAAAAGTGGCCAC  
 ACCTAGAGACTCCGGCTCTATGCTTGTGCTGCAGCTAGGACGGTAGACAGTGAAACTTTGTACTTCATG  
 GTGAATGTCACAGATGCCATCTCATCTGGAGATGACGAGGACGACACAGATAGCTCCGAAGACTTTGTCA  
 GTGAGAACAGGAGCAACCAGAGAGCACCCTACTGGACCAACCCGAAAAGATGGAGAAGCGGCTCCATGC  
 TGTCCCTGCCCAACACTGTGAAGTTCGCTGTCCAGCCGGGGGAATCCAACCCACAATGAGGTGG  
 CTAACAAAACGGGAAGGAGTTAAGCAGGAGCATCGCATCGGAGGCTATAAGGTACGAAACCAGCACTGGA  
 GCCTTATTATGGAAGTGTGGTCCCATCAGACAAGGCAATTACACCTGCCTGGTGGAGAATGAATACGG  
 GTCCATCAACCACACTACCACCTTGATGTTGTTGAGCGATCACCAACCCGGCCCATCCTCCAAGCTGGA  
 CTGCCTGCAAAATGCCTCCACGGTGGTCGGAGGGGACGTAGAATTTGTCTGCAAGTTTATAGTGATGCC  
 AGCCCCATATCCAGTGGATCAACATGTGAAAAGAACGGCAGTAAATATGGACCTGATGGGCTGCCCTA  
 CCTCAAGTCTGAAGCACTCGGGGATAAATAGCTCCAATGCAGAAGTGTGGCTCTGTTCAATGTGACG  
 GAGATGGATGCTGGGGAATATATATGAAGTCTCCAATTATATAGGGCAGGCCAACAGCTGCCTGGC  
 TCACTGTCTGCCAAACAGCAAGCACCTGTGAGAGAGAAGGAGATCACAGCTTCCCAGATTACCTGGA  
 GATAGCTATTTACTGCATAGGGGTCTTCTTAATCGCCTGCATGGTGGTGACAGTCACTTTTTGCCGAATG  
 AAGACCACGACCAAGAAGCCAGACTTCAGCAGCCAGCCAGCTGTGCACAAGCTGACCAAGCGCATCCCC  
 TCGGAGACAGGTAACAGTTTCGGCCGAGTCCAGCTCGTCCATGAACTCCAACACCCCACTGGTGGAGAT  
 AACGACACGTCTGTCTCAACGGCGGACACCCCGATGCTAGCAGGGGTCTCTGAGTACGAGTTGCCAGAG  
 GATCCAAGTGGGAATCCCCAGAGATAAGCTGACGCTGGGCAAAACCCCTGGGGGAAGGCTGCTTCGGGC  
 AAGTAGTCATGGCTGAAGCGGTGGGAATCGATAAGGACAGACCAAGGAGGCAGTACCCTGGCGGTGAA  
 GATGTTGAAAGATGACGCCACAGAGAAGGACCTGTCTGACCTGGTGTGAGAGATGGAGATGATGAAGATG  
 ATTTGGTAAACATAAGAACATCATCAACCTCCTGGGGCCTGCACCAGGATGGACCCCTCTATGTATAG  
 TCGAATACGCATCGAAAGCAACCTCCGGGAATACCTCCGGGCCGGAGGCCACCTGGCATGGAGTACTC  
 CTATGACATTAACCGAGTTCCCAGGAGCAGATGACCTTCAAGGACTTGGTGTCTCTGCACCTACCAGCTG  
 GCGAGAGGCATGGAGTACTTGGCTTCCCAAAAATGTATCCATCGAGACTTGGCAGCCAGAAAATGTCTGG  
 TAACAGAAAACAACGTGATGAAGATAGCAGACTTTGGCCTGGCCAGGGATATCAACAACATAGACTATTA  
 CAAAAGACCACGAATGGGCGACTTCCAGTCAAGTGGATGGCTCTGAAGCCCTTTTGTAGAGTTTAC  
 ACTCATCAGAGTGTCTGGTCTTCCGGGTGTTAATGTGGGAGATCTTCACTTAGGGGGTTCACCCT  
 ACCCAGGGATCCCCTGGAGGAACCTTTTAAGCTGCTCAAGAGGGCCACAGGATGGACAAGCCCACCAA  
 CTGCACCAATGAACTGTACATGATGATGAGGGACTGCTGGCATGCTGTACCCTCACAGAGGCCACGTTT  
 AAGCAGTTGGTGAAGACTTGGATCGAATTCTGACTCTACAACCAATGAGGAATACTTGGACCTCACCC  
 AGCCTCTCGAACAGTATTCTCCTAGTTACCCCGACACAAGGAGCTCTTGTCTTACAGGGGACGATTCGT  
 GTTTTCTCCAGACCCCATGCCTTATGACCCTGCCTGCCTCAGTATCCACACATAAACGGCAGTGTTAAA  
 ACATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1414\\_e05.zip](https://cdn.origene.com/chromatograms/ja1414_e05.zip)  
**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_012712

<b>Insert Size:</b>	2526 bp
<b>OTI Disclaimer:</b>	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).
<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>	<u><a href="#">NM_012712.1</a></u> , <u><a href="#">NP_036844.1</a></u>
<b>RefSeq Size:</b>	4654 bp
<b>RefSeq ORF:</b>	2526 bp
<b>Locus ID:</b>	25022
<b>Cytogenetics:</b>	1q37
<b>Gene Summary:</b>	may play a role in mesodermal cell differentiation [RGD, Feb 2006] Transcript Variant: This variant (a) represents the longest transcript and encodes the longest isoform (a).