

## Product datasheet for **RN212243**

### **Fgfr1 (NM\_024146) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fgfr1 (NM_024146) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgfr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN212243 representing NM\_024146  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTGGGGCTGGAGGGCCTCCTTCTGGGCTGTGCTGGTACAGCCACTCTCTGCACTGCCAGACCAG  
 CCCAACCTTGCCGAACAAGCTCAGCCCTGGGGAGTCCCTGTGGAAGTGGAGTCTCTCCTGGTCCACCC  
 TGGTGACCTGCTACAGCTTCGCTGCCGGCTGCGCGATGATGTGCAGAGCATCAACTGGCTGCGGGATGGG  
 GTGCAGCTGGCGGAAAGCAACCGTACACGCATCACAGGGGAGGAGGTGGAGGTGCGGGATTCCATCCCCG  
 CTGACTCTGGCCTCTACGCTTGTGTGACCAACAGCCCCTCTGGCAGCGATACCACCTACTTCTCCGTCAA  
 TGTCTCAGATGCACTGCCATCCTCGGAGGACGATGACGATGATGACTCCTCCTCAGAGGAGAAAAGAG  
 ACAGACAACACCAAAACCAACCGTAGGCCTGTGGCGCCATACTGGACATCCCCAGAGAAAATGGAGAAGA  
 AACTGCACGCAGTGCCAGCTGCCAAGACGGTCAAATCAATGCCCGTCGAGTGGGACACCCAGCCCCAC  
 TTTGCGCTGGTTGAAAAACGGCAAGGAATTCAAACCTGACCACCGGATCGGAGGCTACAAGTTTCGTTAC  
 GCCACTTGGAGCATCATAATGGACTCTGTGGTGCCTTCTGACAAGGGCAACTACACCTGCATCGTGGAGA  
 ACGAGTATGGGAGCATTAAACACACCTACCAGCTAGACGTTGTGGAGCGATCCCCCTACCCGGCCATCCT  
 TCAGGCAGGGCTACCAGCCAACAAGACCGTGGCCCTGGGCAGCAACGTGGAGTTCATGTGCAAGGTGAC  
 AGTGACCCCCAGCCTCACATCCAGTGGCTGAAGCACATCGAGGTGAATGGGAGTAAGATCGGTCCAGACA  
 ACTTGGCGTATGACCAGATCCTGAAGACTGCTGGAGTTAATACCACCGACAAGGAAATGGAGGTGCTTCA  
 TCTACGGAATGTCTCTTTGAGGATGCGGGGGAGTACGCTGCTTGGCGGGTAACTCTATCGGACTCTCC  
 CATCACTCTGCATGGTTGACCGTCTTGGAAAGCCCTGGAAGAGAGACCAGCCGTGATGACCTCACCTCTGT  
 ACCTGGAATCATTATCTACTGCACCCGGGCCTCCTGATCTCCTGTATGGTGGGCTCCGTCATCATCTA  
 CAAGATGAAGAGCGGCACCAAGAAGAGCGACTTCCATAGCCAGATGGCTGTGCATAAGCTGGCTAAGAGC  
 ATCCCTCTCCGCAGACAGGTAACAGTGTGAGTACTCCAGCGCATCCATGAACTCCGGGGTTCCTCTGG  
 TTCGGCCTTCGCGACTGTCTCCAGCGGAACCCCATGCTAGCTGGCGTCTCTGAATATGAGCTCCCTGA  
 AGATCCCCGCTGGGAGCTGCCCCGGGACAGACTGGTCTTAGGAAAACCGCTTGGCGAGGGCTGCTTCGGG  
 CAGGTGGTGTGGCCGAAGCCATCGTCTGGATAAAGGACAAACCAACCGCGTGACCAAAGTGGCCGTGA  
 AGATGTTGAAGTCTGATGCGACGGAGAAGGACCTGTCGGACCTGATCTCGGAGATGGAGATGATAAAAT  
 GATCGGGAAGCACAAGAATATCATCAACCTGCTGGGGCGTGCACACAGGATGGTCTCTCTATGTCATT  
 GTGGAGTATGCCCAAAGGCAATCTTCGGGAGTATCTGCAGGCCGGAGGCCTCTGGGCTGGAGTATT  
 GCTACAACCCAGCCACAACCCCTGAGGAACAGCTGCTTCCAAAGATCTGGTGTCTGTGCCTATCAGGT  
 GGCCCGGGGCATGGAGTATCTTGCTCAGAAGAAGTGTATACACCGAGACCTGGCTGCTAGGAATGTCCTG  
 GTGACAGAGGATAATGTCATGAAGATCGCAGACTTTGGCCTAGCTCGAGACATTCACCATATCGACTACT  
 ATAAGAAAACCAATGGCCGGCTGCCTGTGAAGTGGATGGCACCTGAGGCATTGTTTGACCCGGATCTA  
 CACCCACAGAGTGATGTGTGGTCTTTTGGGGTGTCTTATGGGAGATATCACTCTGGGTGGCTCACCA  
 AACCCCGCGTGCCTGTGGAAGAACTTTTCAAGCTGTTGAAGGAGGTCATCGAATGGACAAGCCAGTA  
 ACTGTACCAATGAGCTGTACATGATGATGCGGGACTGCTGGAACGCAGTGCCTCTCAGAGACCAACTTT  
 CAAGCAGTTGGTGAAGACCTGGACCGGATTGTGGCCTTGACCTCCAACCAGGAGTATCTGGACCTGCC  
 ATGCCACTGGACCAGGACTCGCCAAGCTTCCGGACACACGGAGCTCTACCTGCTCTTCAGGGGAGGACT  
 CTGTCTTCTCTCATGAGCCATTTCTGAGGAGCCCTGTCTGCCCCGACACCCACCCAGCTTGCAAATGG  
 CGGACTCAACCGGCGTGA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_024146  
**Insert Size:** 2469 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>	<a href="#">NM_024146.1</a> , <a href="#">NP_077060.1</a>
<b>RefSeq Size:</b>	2469 bp
<b>RefSeq ORF:</b>	2469 bp
<b>Locus ID:</b>	79114
<b>UniProt ID:</b>	<a href="#">Q04589</a>
<b>Cytogenetics:</b>	16q12.4
<b>Gene Summary:</b>	proportion of transmembrane and soluble extracellular isoforms may modulate fibroblast growth factor signaling; plays a role in regulation of neuronal cell proliferation [RGD, Feb 2006]