

Product datasheet for **RN213796**

Fgfr3 (NM_053429) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgfr3 (NM_053429) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgfr3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213796 representing NM_053429
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAGTCCCGCCTGCGTGCTAGTGTCTGCGTGGCGTCTGGCTGGAGTACTTCCGAGCCTCCCG
 GTCCAGAGCAGCGAGTTGGTCGGAGAGCGGCAGAGGTTCCAGGGCCTGAACCTAGCCAGCAGGAGCAGGT
 GGCTTCCGGCAGTGGGGACACTGTGGAGCTGAGCTGCCATCCGCCTGGAGGTGCCCCACAGGCCCACT
 CTCTGGGCTAAGGACGGTGTGGGGCTGGTGGCCTCNCACCGTATCCTGGTGGGGCCTCAGAGGCTTCAAG
 TGCTAAACGCCACCCATGAGGATGCTGGGGTCTACAGCTGCCAGCAGCGGCTAACCCGGCGTGTCTGTG
 CCACTTTAGTGTGCGTGTAAACAGATGCTCCGCTCCTCAGGAGATGACGAAGATGGGAGGACGTGGCTGAA
 GACACAGGGGCTCCTTACTGGACTCGACCGGAGCGTATGGATAAGAAACTGCTGGCTGTGCCAGCTGCAA
 AACTGTACGCTTCCGCTGCCAGCTGTGGCAACCCACCCCTCCATCCCTGGCTGAAGAACGGCAA
 AGAATTCGAGGGGAGCACCGCATTGGGGCATTAAAGCTCCGGCACCAGCAGTGGAGCTTGGTCATGGAA
 AGTGTGGTGCCCTCTGACCGCGGCAATTACACCTGCGTGGTTGAGAACAAGTTTGGCAGCATCCGGCAGA
 CGTACACCCTGGATGTGCTGGAGCGCTCCCCACACCGGCCATCCTGCAGGCTGGGCTGCCAGCCAACCA
 GACAGCCGTTCTGGGCAGTGACGTGGAGTTCCTGCAAGGTGTACAGCGACGCACAGCCACACATCCAG
 TGGCTGAAGCAGCTGGAGGTGAATGGGAGCAAGGTGGGCCTGACGGCAGCCCTACGCTACTGTACTCA
 AGACTGCAGGAGCTAACACCACCGACAGGGAGCTAGAGGTTCTGTCTTGCACAAATGTCACCTTTGAGGA
 TGCGGGGAGTACACCTGCGTGGCGGCAATTCTATCGGGTTTCCCATCACTCTGCGTGGCTGGTGGTG
 CTGCCAGCCGAGGAGGAGCTGATGGAAGTTGACGAGGCTGGCAGCGTGTACGCGGGTGTCTCAGCTACG
 GGTGGGCTTCTCCTCTTATCCTGCTGGTGGCGGCAAGTGTGCGCTTCCCGCTTAAAGCGACAGGTGCTTGGAG
 GAAGGGCCTGGGCTCGCCACCCTGCACAAGGTCTCTCGCTTCCCGCTTAAAGCGACAGGTGCTTGGAG
 TCTAATTCCTCTATGAACTCCAACACACCTCTCGTCCGGATTGCCCGGCTGTCTCAGGAGAAGGTCTG
 TCCTGGCCAAATGTTTCTGAACTTGAAGTGTGCTGACCCCAAGTGGGAGCTATCCAGGACCCGGCTGAC
 ACTCGGTAAGCCTCTTGGAGAAGGCTGCTTGGACAGGTTGTATGGCAGAAGCTATTGGCATCGACAAG
 GACCGCACTGCCAAGCCTGTACCGTGGCCGTGAAGATGCTGAAAGATGATGCGACTGACAAGGACCTGT
 CGGACCTGGTGTCTGAGATGGAGATGATGAAAATGATTGGCAAGCACAAGAACATCATTAACTGTTGGG
 GGCTGCACCCAGGGTGGGCCCTGTATGTGCTGGTGGAGTATGCAGCCAAGGGCAACCTGCGAGAGTTC
 CTCGGGCACGGCGCCCTCCAGGCATGGATTACTCTTTGATGCCTGCAGGCTGCCAGAGGAACAGCTCA
 CCTGCAAGGATCTGGTGTCTGTGCTACCAGGTGGCACGGGCATGGAGTACTTGGCTTCCAGAAAGT
 TATTACAGAGACCTGGCTGCCAGAAACGTGCTGGTACTGAGGACAATGTGATGAAGATTGCAGACTTT
 GGCTGGCCCGAGATGTGCAACCTGGATTACTACAAGAAGACCACAAATGGCCGGCTACCTGTGAAGT
 GGATGGCACCAGAGGCCCTTTTGGACCGAGTCTACACCCATCAGAGTGTGCTGGTCTTTGGTGTCTCT
 CCTCTGGGAGATCTTTACACTGGTGGTCAACATATCCTGGCATCCCAGTGGAAAGAGCTTTTCAAGCTG
 TTGAAAGAGGGCCACCGCATGGACAAGCCAGCCAACTGCACACATGACCTGTACATGATCATGCGGGAAT
 GTTGGCATGCAGTGCCTTACAGAGGCCACCTTCAAGCAGTTGGTAGAGGATTTAGACCGCATCCTCAC
 GGTGACATCAACTGACGAGTACTTGGACCTCTCGGTGCCATTTGAACAGTACTCGCCAGGTGGCCAAGAT
 ACTCCTAGCTCCAGCTCGTCCGGGACGACTCTGTGTTACCCATGACCTGCTACCCCGAGGCCACCCA
 GCAATGGGGACCTCGGACG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053429
Insert Size: 2403 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:	<ol style="list-style-type: none">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_053429.1 , NP_445881.1
RefSeq Size:	3187 bp
RefSeq ORF:	2403 bp
Locus ID:	84489
Cytogenetics:	14q21
Gene Summary:	may play a role in regulation and differentiation of various cell types, in the processes of regeneration, angiogenesis, and chemotaxis [RGD, Feb 2006]