

Product datasheet for **RN212875**

Fgfr4 (NM_001109904) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgfr4 (NM_001109904) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgfr4
Synonyms:	MGC116290
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212875 representing NM_001109904
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGCTGCTGTGGCTTTGTTGAGCATCTTTCAGGAGACACCAGCCTTCTCCCTTGAGGCCTCTGAGG
 AAATGGAACAGGAGCCCTGCCAGCCCAATCTCGGAGCAGCAAGAGCAGGTGTTGACTGTGGCCCTTGG
 GCAGCCTGTGCGGCTATGCTGTGCCGCACTGAGCGTGGTCGTCATTGGTACAAGGAGGGCAGCCGTTTA
 GCATCTGCTGGGAGAGTACGGGGCTGGAGAGGCCCTGGAGATCGCCAGCTTCTTCTGAGGATGCTG
 GCCGGTACCTCTGCCTGGCCCGTGGCTCCATGACTGTCGTACACAATCTTACTTTGATTATGGATGACTC
 CTTACCCTCCATCAATAACGAGGACCCCAAGACCCTCAGCAGCTCCTCGAGTGGGCACTCTACCTGCAG
 CAAGCACCTTACTGGACACACCCCAACGCATGGAGAAGAACTGCACGCGGTACCTGCCGGGAACACTG
 TCAAATTCGGCTGTCCAGCTGCAGGAACCCCATGCCACCATCCACTGGCTCAAGAACGGACAGGCCTT
 CCACGGAGAGAATCGTATCGGAGGCATTGGCTGCGTCACCAACTGGAGCCTCGTGATGGAGAGCGTG
 GTGCCCTCAGACCGTGGCACGTACACGTGCTTGTGGAGAACTCTCTGGGTAGCATTGCTACAGCTATC
 TGCTGGATGTGCTGGAGCGGTCCCCGCACCGGCCCATCCTGCAGGCGGGACTCCCAGCCAACACCACGGC
 TGTGGTTGGCAGCAACGTGGAGCTGCTGTGCAAGGTGTACAGTGACGCCAGCCGCACATCCAGTGGCTG
 AAGCACATCGTTATCAACGGCAGCAGTTTCGGCGCTGATGGTTTTCCCTACGTACAAGTCTGAAGACAA
 CAGACATCAATAGCTCAGAGGTGGAGGTGCTGTATCTGAGGAACGTGTCGGCTGAGGATGACGGGGAGTA
 CACCTGCCTGGCGGGCAACTCCATCGGCCTCTCCTACCAGTCAGCGTGGCTCACAGTGTACCCGCAGAG
 GAAGAAGACCTCGCGTGGACAACAGCAACATCGGAGGCCAGATACAGATATTATCCTATATGTATCTG
 GCTCACGGCTTTGGTTTTGCTCCTGCTGCTGGCCGGGTGTATCACCGACAAGCAATCCACGGCCACCA
 CTCTCGACAGCCTGTCACTGTACAGAAGCTGTCCCGTTCCCTTTGGCCCGGCAGTTCTCCTTGGAGTCTG
 AGGTCTCTGGCAAGTCAAGTTTGTCCCTGGTGCAGGTGTCGGCTCTCCTCCAGTGGCCCGCCCTTGC
 TCACGGCCCTTGTGAGTCTAGACCTACCTCTCGATCCACTTTGGGAGTTCCCCGGGACAGGCTGGTGTCT
 CGGAAAGCCCCTGGGTGAGGGCTGCTTTGGGCAAGTGGTTCGTGCAGAAGCCCTTGGCATGGATTCTCC
 CGGCCAGACCAACCAGCACCGTGGCTGTGAAGATGCTGAAAGACAATGCCTCCGACAAGGATTTGGCAG
 ACCTGATCTCTGAGATGGAGATGATGAAGCTAATCGGAAGACACAAGAACATCATTAACCTGCTGGGTGT
 CTGCACTCAGGAAGGGCCCTGTATGTGATTGTGAATATGCGGCCAAGGGAAACCTTCGGGAATCCTC
 CGTGCCCGGCGTCCCCAGGCCCTGATCTCAGCCCTGATGGCCCTCGGAGCAGCGAAGGACCGCTCTCCT
 TCCCGGCCCTGGTCTCCTGTGCCTACCAGTGGCCCGAGGCATGCAGTATCTGGAGTCTCGGAAGTGCAT
 CCACCGGGACCTGGCTGCCCGAAACGTGCTGGTGACCGAGGATGACGTGATGAAGATCGTGACTTTGGT
 CTGGCCCGTGGTGTCCACCACATCGACTACTATAAGAAAACCAGCAATGGCCGCCTGCCAGTCAAGTGGG
 TGGCTCCTGAGGCGTTGTTTGACCGTGTATACACACACCAGAGTGACGTGTGGTCTTCGGGATCCTGCT
 GTGGGAAATCTTACCCTCGGGGGCTCCCCATACCCCGGCATCCCAGTGGAGGAGCTGTTCTCACTGCTG
 CGAGAGGGGCACAGGATGGAGCGGCCCCCAACTGCCCTCAGAGCTGTATGGGCTAATGAGGGAGTGT
 GGCACGCAGCTCCTTCTCAGAGGCCGACTTTTAAGCAGCTGGTGAAGCTCTGGACAAGTCTCTGCTGCT
 TGCTCTGAAGAGTACCTTGACCTCCGCTGACCTTTGGACCCTATCCCCCAACAATGGGGATGCCAGC
 AGCACGTGCTCCTCCAGGACTCGTTTTTCAGCCACGACCCTTTGCCCTCGAGCCAAGCCCTTCCCAT
 TTCTGAGGCGCAGACCACATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001109904
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:	<u>NM_001109904.1</u> , <u>NP_001103374.1</u>
RefSeq Size:	3164 bp
RefSeq ORF:	2403 bp
Locus ID:	25114
UniProt ID:	<u>Q498D6</u>
Cytogenetics:	17p14
Gene Summary:	fibroblast growth factor receptor subtype expressed in lung and kidney [RGD, Feb 2006]