

Product datasheet for **MR208476**

Fgfr1 (NM_054071) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgfr1 (NM_054071) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fgfr1
Synonyms:	FGFR5; FGFR5beta; FGFR5gamma
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR208476 representing NM_054071
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCGGAGCCCCGCGTCTGCTGCTGCTATTGGGGCCCTCCCGTCGGCTGAGGCGCGCAGGAC
 CCCAAGAATGGCAGACAAAGTGGTCCCACGGCAGGTGGCCCGCTGGGCGCACTGTGCGGCTACAGTG
 CCCAGTGGAGGGGACCCACCACCGTTGACCATGTGGACCAAAGATGGCCGCACAATCCACAGTGGCTGG
 AGCCGCTTCCGTGTGCTGCCCCAGGGTCTGAAGGTGAAGGAGGTGGAGGCCGAGGATGCCGGTGTATG
 TGTGCAAGGCCACCAATGGCTTTGGCAGCCTCAGCGTCAACTACACTCTCATCATGATGATATTAG
 TCCAGGGAAGGAGAGCCCTGGGCCAGGTGGTCTTCGGGGGGCCAGGAGGCCAGCCAGCCAGCAGTGG
 GCACGGCCTCGCTTACACAGCCCTCAAGATGAGGCGCCGAGTGATTGCACGGCCTGTGGGTAGCTCTG
 TCGGGCTCAAGTGTGTGGCCAGTGGCACCCACGGCCAGACATCATGTGGATGAAGGATGACCAGACCTT
 GACGCATCTAGAGGCTAGTGAACACAGAAAGAAGAAGTGGACACTGAGCTTGAAGAACCTGAAGCCTGAA
 GACAGTGGCAAGTACACGTGCCGTGTATCTAACAAGGCCGGTGCATCAACGCCACTACAAAGTGGATG
 TAATCCAGCGGACTCGTTCCAAGCCTGTGCTCACAGGGACACACCTGTGAACACACCGTGGACTTCGG
 TGGGACAACGTCCTTCCAGTGAAGGTGCGCAGTGACGTGAAGCCTGTGATCCAGTGGCTGAAGCGGGTG
 GAGTACGGCTCCGAGGGACGCCACAACCTCCACCATTGATGTGGGTGGCCAGAAGTTTGTGGTGTGCCCA
 CGGGTGATGTGTGGTACGGCCTGATGGCTCTACCTCAACAAGTGTCTCATCTCGGGCCCGCCAGGA
 TGATGTGGCATGTACATCTGCCTAGGTGCAAAACCATGGGCTACAGTTCCGTAGCGCCTTCTCACT
 GTATTACCAGACCCAAACCTCCAGGGCCTCCTATGGCTTCTTCATCGTCATCCACAAGCCTGCCATGGC
 CTGTGGTGTGCGCATCCAGTGGTGTCTTTCATCTTACCTAGGACTGTGCTGCTGGCTTTGCCAGAC
 CAAGAAGAAGCCATGTGCCCCAGCATCTACACTTCTGTGCTGGGCATCGTCCCCAGGGACATCCCGA
 GAACGCAGTGGTGAAGGACCTGCCCTCATTGGCTGTGGGCATATGTGAGGAGCATGGATCCGCCATGG
 CCCCCAGCACATCTGGCCTCTGGCTCAACTGCTGGCCCAAGCTGTACCCCAAGCTATACACAGATGT
 GCACACACACACATACACACACCTGCACTCACACGCTCTCATGTGGAGGGCAAGGTTCAACACCA
 GCATGTCCACTATCAGTGTAAATACAGCGAATCTCCAAGCACTGTGCTGAGGTAGGCATTTGGGGGC
 CAAGGCAACAGGTTGGGAGAATTGAGAACAATGGAGGAAGAGTATCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208476 representing NM_054071
 Red=Cloning site Green=Tags(s)

MTRSPALLLLLLLALPSAEAAARGPPRMADKVVPRQVARLGRVRLQCPVEGDPPLTMWTKDGRTIHSGW
 SRFRLVLPQGLKVKEVEAEDAGVYVCKATNGFGSLSVNYTLIIMDDISPGKESPGPGSSGGQEDPASQQW
 ARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRPDIMWMKDDQTLTHLEASEHRKKKWTLSLKNLKPE
 DSGKYTCRVSNAKAGAINATYKVDVIQRTRSKPVLTGTHPVNTTVDFGGTTSFQCKVRSVDPVPIQWLKRV
 EYGSEGRHNSTIDVGGQKFVVLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT
 VLPDPKPPGPPMASSSSSTSLPWPVIGIPAGAVFILGTVLLWLCQTKKKPCAPASTLPVPGHRPPGTSR
 ERS GDKLPSLAVGICEEHGSAMAPQHILASGSTAGPKLYPKLYTDVHTHTHTHTCTHTLSCGGQGSSTP
 ACPLSVLNTANLQALCPEVGIWGPQQVGRINNGGRVS

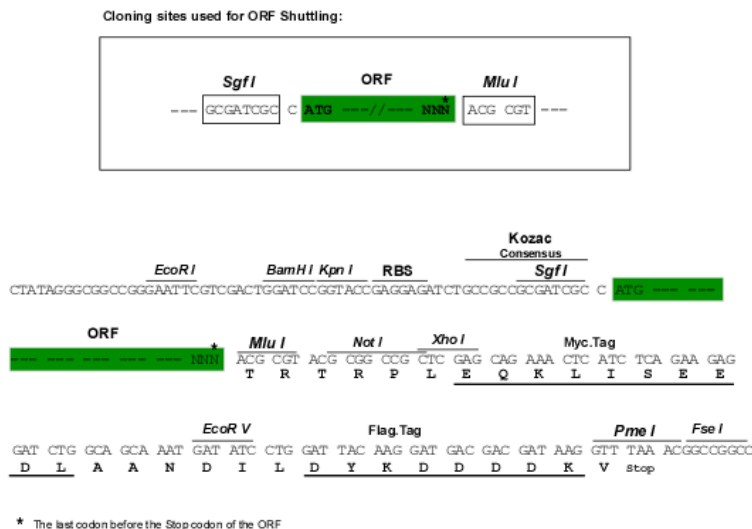
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9015_g10.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_054071

ORF Size: 1587 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:**
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_054071.2](#), [NP_473412.1](#)

RefSeq Size: 2656 bp

RefSeq ORF: 1590 bp

Locus ID: 116701

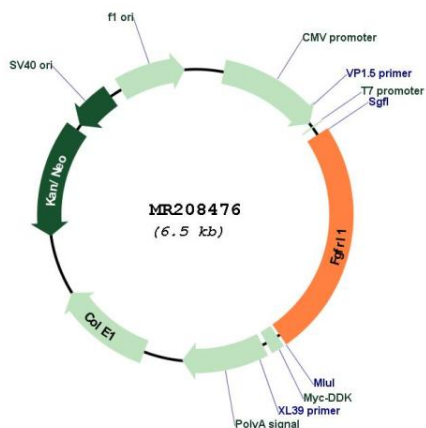
UniProt ID: [Q91V87](#)

Cytogenetics: 5 F

MW: 57.5 kDa

Gene Summary: Has a negative effect on cell proliferation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208476