

## Product datasheet for **MR223842**

### **Fgfr11 (NM\_001164259) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fgfr11 (NM_001164259) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fgfr11
Synonyms:	FGFR5; FGFR5beta; FGFR5gamma
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR223842 representing NM\_001164259  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACCGGAGCCCCGCGTCTGCTGCTGCTATTGGGGCCCTCCCGTCGGCTGAGGCGGCGGAGATG  
 ATATTAGTCCAGGAAGGAGAGCCCTGGGCCAGGTGGTTCTTCGGGGGCCAGGAGGACCCAGCCAGCCA  
 GCAGTGGGCACGGCTCGCTTACACAGCCCTCCAAGATGAGGCGCCGAGTGATTGCACGGCCTGTGGT  
 AGCTCTGTGCGGCTCAAGTGTGTGGCCAGTGGGCACCCACGGCCAGACATCATGTGGATGAAGGATGACC  
 AGACCTTGACGCATCTAGAGGCTAGTGAACACAGAAAGAAGAAGTGGACTGAGCTTGAAGAACCTGAA  
 GCCTGAAGACAGTGGCAAGTACACGTGCCGTGTATCTAACAGGCCGGTGCATCAACGCCACCTACAAA  
 GTGGATGTAATCCAGCGGACTCGTTCCAAGCTGTGCTCACAGGGACACACCCTGTGAACACAACGGTGG  
 ACTTCGGTGGGACAACGCTCTCCAGTGAAGGTGCGCAGTGACGTGAAGCCTGTGATCCAGTGGCTGAA  
 GCGGGTGGAGTACGGCTCCGAGGGACGCCACAACCTCCACCATTGATGTGGGTGGCCAGAAGTTTGTGGT  
 TTGCCACGGGTGATGTGTGGTACGGCCTGATGGCTCCTACCTCAACAAGCTGCTCATCTCTCGGGCCC  
 GCCAGGATGATGCTGGCATGTACATCTGCCTAGGTGCAAATACCATGGGTACAGTTTCCGTAGCGCCTT  
 CCTCACTGTATTACCAGACCCCAAACCTCCAGGGCCTCCTATGGCTTCTTCATCGTCATCCACAAGCCTG  
 CCATGGCCTGTGGTATCGGCATCCCAGCTGGTGTCTTTCATCCTAGGCACTGTGCTGCTCTGGCTTT  
 GCCAGACCAAGAAGAAGCCATGTGCCCCAGCATCTACACTTCTGTGCCTGGGCATCGTCCCCAGGGAC  
 ATCCCAGAACCGAGTGGTGACAAGGACCTGCCCTCATTGGCTGTGGGCATATGTGAGGAGCATGGATCC  
 GCCATGGCCCCCAGCACATCCTGGCCTCTGGCTCAACTGCTGGCCCCAAGCTGTACCCCAAGCTATACA  
 CAGATGTGCACACACACACATACACACACCTGCACCTCACACGCTCTCATGTGGAGGGCAAGTTCATC  
 AACACCAGCATGTCCACTATCAGTGCTAAATACAGCGAATCTCCAAGCACTGTGTCTGAGGTAGGCATT  
 TGGGGCCAAGGCAACAGGTTGGGAGAATTGAGAACAATGGAGGAAGATATCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR223842 representing NM\_001164259  
 Red=Cloning site Green=Tags(s)

MTRSPALLLLLLGALPSAEARDDISPGKESPGPGSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVG  
 SSVRLKCVASGHPRPDIMMMKDDQTLTHLEASEHRKKKWTLSLKNLKPEDSGKYTCRVSNKAGAINATYK  
 VDVIQRTRSKPVLGTGHPVNTTVDVFGGTSFQCKVRSVDPKVIQWLKRVEYGESEGRHNSTIDVGGQKFFV  
 LPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLTVLPDPKPPGPPMASSSSSTSL  
 PWPVVIGIPAGAVFILGTVLLWLCQTKKKPCAPASTLPVPGHRPPGTSRERSGDKDLPSLAVGICEEHGS  
 AMAPQHILASGSTAGPKLYPKLYTDVHTHTHTCTHTLSCGGQGSSTPACPLSVLNTANLQALCPEVGI  
 WGPQQVGRIVENNGRVS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_001164259

**ORF Size:** 1314 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\\_001164259.1](#), [NP\\_001157731.1](#)

**RefSeq Size:** 2383 bp

**RefSeq ORF:** 1317 bp

**Locus ID:** 116701

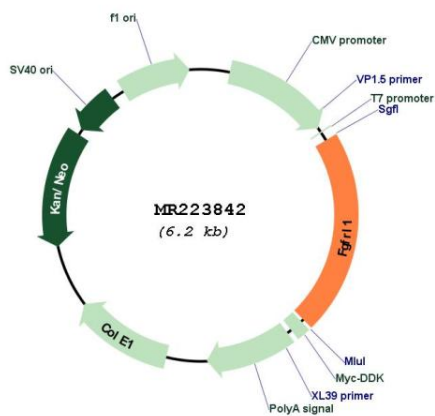
**UniProt ID:** [Q91V87](#)

**Cytogenetics:** 5 F

MW: 47.4 kDa

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

**Product images:**



Circular map for MR223842