

Product datasheet for **RR201871**

Fgfr1op (NM_001101008) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgfr1op (NM_001101008) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fgfr1op
Synonyms: Fgfr1op
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201871 representing NM_001101008
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTACTACCGCCGGTGGTGGCTGAGGAGGACCGGAGCTGCGCGACCTGCTGGTGCAGACGC
 TGGAGAACAGCGCGTGTGAATCGTATCAAGGCTGAAGCTCAGAGCGGCTGTGTTTTAGCACTAGAAGA
 ACAAGAAAAAGTAGAGAACAAAACCTCCGTTGGTTAATGAGAGCTTGAAAAAGTTTTTAAATACAAAAGAT
 GGTCTGTTAGTGGCTAGTCTCGTAGCAGAAATTTCTTCAGTTTTTAAATCTTGACTTCACCTTGGCTGTT
 TCCATCCTGAAACGAGCACAATCAAGGTCTTGAAGGTCGAGAGAACTTAGCCCGGGATTAGGCATCAT
 TGAAGCAGAAGGTAAGTGTGGGTGGACCTTATTATTAGAAGTATTAGACGCTGTCAACAGAAGGAAAA
 GGACCTACCAGTGTGGAAGGTGCACTGGATCTATCTGATGGACATCCTCCATCAAAGTCACCAGAAGGAA
 AAACAAGTGTAACTCCACCCCAAGTAAGATACCAAGGTATAAAGGACAAGGTAAGAAGAAGACAAGCGG
 TCAGAAGTCTGGTGACAAGAAGACCAGCAGCGAGACCAGTCAGAGTGAGCCAAGTGTCTCCTTGTGAGAG
 TCCAAGAGTAAAAGCAGCCTGCACTCACTGGTCCATGAAACAAGAATTGCATCTTTCTTAAGCAACAGCA
 CTGTAGATGCCAAAGACAAAAGTGTCTTTGTCCAGATGAAGACGATGTGGAAGGAGATCTTTCTTTGA
 TGATCCCATTCCTAAACCAGAAAAACCTATGGTTGGAGAAGTGAACCTAGGAAGCAAGTGGGAGGTCTG
 GCTTCACTGTCTGACAAGCCCACTTAAGGAGTGGTCTCAGCTCCCTGGCAGGAGCCCTTCACTAACAG
 ATGCTGAGAGTAAACGAGGAAGCACGGTCTTGAAGGATCTGAAATGGTTGGTGAAAAAATTGGATCACT
 TGGGCTAGGATCTGGAGAAGATGAGGACTATGTTGATGATTTTAAATAGTCTAGCCATCGCTCAGAAAA
 AGTGAGCTAAGTATTGGTGAAGAAATTGAAGAAGACCTTTCCATGGGAGTAGAGGACGTGAACACCAGTG
 ACAAACCTCGATGACCTCACACAAGACCTGACTGTTCCAGCTCAGTGATGTTGCTGACTATCTGGAAGA
 TGTTGCATGTTGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR201871 representing NM_001101008
 Red=Cloning site Green=Tags(s)

MAATTAAVVAEEDTELRDLLVQTLNENSGVLNRIKAEALRAAVFLALEEQEKVENKTPLVNESLKKFLNTKD
 GRLVASLVAEFLQFFNLDFTLAVFHPETSTIQGLEGNLARDLGIIEAGTVGGPLLLVIRRCQQKEK
 GPTSVEGALDLSDGHPPSKSPEGKTSVNSTPSKIPRYKQGQKKKTSQKSGDKKTSSETSQSEPSVSLSE
 SKSKSSLHSLVHETRIASFLSNSTVDADKKSALCPDEDDVEGDSFFDDPIPKPEKTYGWRSEPRKQVGG
 ASLSDKPHLRSGLSLAGAPSLTDAESKRSTVLKDLKLVGEKIGSLGLSGEDEDYVDDFNSASHRSEK
 SELSIGEEIEEDLSMGVEDVNTSDKLDLDTQDLTVSQLSDVADYLEDVACC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

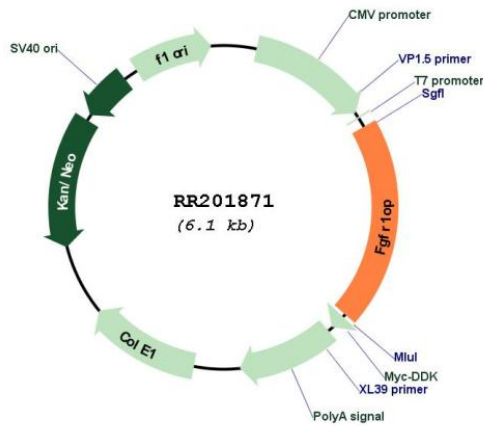
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001101008

ORF Size:	1197 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:	<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_001101008.1 , NP_001094478.1
RefSeq Size:	1483 bp
RefSeq ORF:	1200 bp
Locus ID:	683722
UniProt ID:	Q4V7C1
Cytogenetics:	1q12
MW:	43 kDa
Gene Summary:	Required for anchoring microtubules to the centrosomes. Required for ciliation. [UniProtKB/Swiss-Prot Function]