

Product datasheet for **RN201871**

Fgfr1op (NM_001101008) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgfr1op (NM_001101008) Rat Untagged Clone
Tag: Tag Free
Symbol: Fgfr1op
Synonyms: Fgfr1op
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201871 representing NM_001101008
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCTACTACCGCCGGTGGTGGCTGAGGAGGACCGGAGCTGCGCGACCTGCTGGTGCAGACGC
TGGAGAACAGCGCGTGTGAATCGTATCAAGGCTGAAGCTCAGAGCGGCTGTGTTTTAGCACTAGAAGA
ACAAGAAAAAGTAGAGAACAAAACCTCCGTTGGTTAATGAGAGCTTGAAAAAGTTTTTAAATACAAAAGAT
GGTCGTTTAGTGGCTAGTCTCGTAGCAGAAATTTCTTCAGTTTTTAAATCTTGACTTCACCTTGGCTGTT
TCCATCCTGAAACGAGCACAATCAAGGTCTTGAAGGTCGAGAGAACTTAGCCCGGATTTAGGCATCAT
TGAAGCAGAAGGTAAGTGTGGGTGGACCTTATTATTAGAAGTATTAGACGCTGTCAACAGAAGGAAAA
GGACCTACCAGTGTGGAAGGTGCACTGGATCTATCTGATGGACATCCTCCATCAAAGTCACCAGAAGGAA
AAACAAGTGTAACTCCACCCCAAGTAAGATACCAAGGTATAAAGGACAAGGTAAGAAGAAGACAAGCGG
TCAGAAGTCTGGTGACAAGAAGACCAGCAGCGAGACCAGTCAGAGTGAGCCAAGTGTCTCCTTGTGAGAG
TCCAAGAGTAAAAGCAGCCTGCACTCACTGGTCCATGAAACAAGAATTGCATCTTTCTTAAGCAACAGCA
CTGTAGATGCCAAAGACAAAAGTGTCTTTGTCCAGATGAAGACGATGTGGAAGGAGATCTTTCTTTGA
TGATCCCATTCCTAAACCAGAAAAACCTATGGTTGGAGAAGTGAACCTAGGAAGCAAGTGGGAGGTCTG
GCTTCACTGTCTGACAAGCCCACTTAAGGAGTGGTCTCAGCTCCCTGGCAGGAGCCCTTCACTAACAG
ATGCTGAGAGTAAACGAGGAAGCACGGTCTTGAAGGATCTGAAATTGGTTGGTGAAGGAAATTTGGATCACT
TGGGCTAGGATCTGGAGAAGATGAGGACTATGTTGATGATTTTAAATAGTGTAGCCATCGCTCAGAAAAA
AGTGAGCTAAGTATTGGTGAAGAAATTGAAGAAGACCTTTCCATGGGAGTAGAGGACGTGAACACCAGTG
ACAACTCGATGACCTCACACAAGACCTGACTGTTCCAGCTCAGTGATGTTGCTGACTATCTGGAAGA
TGTTGCATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001101008
Insert Size:	1200 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_001101008.1 , NP_001094478.1
RefSeq Size:	1483 bp
RefSeq ORF:	1200 bp
Locus ID:	683722
UniProt ID:	Q4V7C1
Cytogenetics:	1q12
Gene Summary:	Required for anchoring microtubules to the centrosomes. Required for ciliation. [UniProtKB/Swiss-Prot Function]