

Product datasheet for **MC227492**

Fgfr1op (NM_001197046) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgfr1op (NM_001197046) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fgfr1op
Synonyms: 4930553O10Rik; FOP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227492 representing NM_001197046
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGCGACTACCGCCGGTGGTGGCCGAGGAAGACCGGAGCTGCGCGACCTGCTGGTGCAGACGC
 TGGAGAACAGCGCGTGTGAACCGCATCAAGGCTGAACCTCAGAGCGGCTGTGTTTTAGCACTAGAAGA
 ACAAGAAAAAGTAGAGAACAAAACCTCCATTGGTCAATGAGAACTGAAAAAGTTTTAAACACAAAAGAT
 GGTCTGTTAGTGGCTAGTCTCGTCGCAGAAATTTCTTCAGTTTTTAATCTTGACTTCACCTTGGCTGTT
 TCCATCCTGAAACTAGCACAATCAAGGTCTTGAAGTTCGAGAGAACTTGGCCCAGGATTTAGGCATCAT
 TGAAGCAGAAGGTACTGTGGGTGGACCTTATTATTAGAAGTATTAGACGCTGTCAACGAAAGAAAAA
 GGACCGGCCAGTGTGGAAGGTGCACTGGATCTATCCGATGGACATCCTCCATCAAAGTCACCTGAAGGAA
 AATCAAGTGCAAACCTCCACCCCAAGTAAGATACCAAGGTATAAAGGACAAGGTAAGAAGAAGACAATCGG
 TCAGAAGCCTGGTGACAAGAAGACTAGCAGTGAGACCAGTCAGAGTGAGCCAAGTGTCTCCTTGTGAGAG
 TCCAAGAGTAAAAGCAGCCTGCACTCACTGGCCCATGAGACAAGAATTGCATCTTTCTTAAGCAGCAGCG
 CTGTAGATGCCAGAGACAGCAGTGGCCTTTGTCCAGATGGGGATGATGTGGAAGGAGATCTTTCTTTGA
 TGATCCCATTCTAAACCAGAAAAACCTATGGTTGGAGAGTGAACCTCGGAAGCAAGTGGGAGGTCTG
 GCCTCACTGTCTGACAAGCCCACTTAAGGAGCGGTCTCAGCTCCCTGGCCGGAGCCCCATCGCTAACAG
 ATCCAGAGAGTAAAAGGGGAAGCACCGTCTGAAGGATCTGAAATTTGGTTGGTGAAGAAGATTGGATCACT
 TGGGCTAGGCACTGGAGAAGATGAGGACTATGCTGATGATTTTAAAGTGTAGCCATCGCTCAGAAAAA
 AGTGAGCTAAGTATTGGTGAAGAGATTGAAGAAGACCTTTCCATGGGAGTAGAGGACGGGAACACCAGTG
 AATAACTCGATGACCTCACACAAGACCTGACTGTTCCAGCTCAGTGATGTTGCTGACTATCTGGAAGA
 TGTTGCATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001197046
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001197046.1</u> , <u>NP_001183975.1</u>
RefSeq Size:	3171 bp
RefSeq ORF:	1200 bp
Locus ID:	75296
UniProt ID:	<u>Q66JX5</u>
Cytogenetics:	17 A1
Gene Summary:	Required for anchoring microtubules to the centrosomes. Required for ciliation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).