

## Product datasheet for **MG202379**

### **Fgfr1op2 (BC028876) Mouse Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Fgfr1op2 (BC028876) Mouse Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: Fgfr1op2  
 Synonyms: 1500031J01Rik  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >MG202379 representing BC028876  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGCTGCACCATTTGAGAAGGCACTTGCTGACGCTAAAGCCCTTGTTGAAAGGTTGAGAGATCATGATG  
 ATGCAGCAGAGTCTCTCATCGAGCAGACCACTGCCCTCAGCAAGCGAGTGAAGCGATGAAGCAGTATCA  
 GGAGGAAATCCAAGAACTTAATGAAGTAGCAAGACATCGGCCACGATCCACACTAGTTATGGGAATCCAG  
 CAAGAAAACAGACAAATCAGAGAATTACAACAAGAAAACAAGAACTGCGGACATCCCTGGAAGAGCACC  
 AGTCTGCCCTGGAAGTATAATGAGCAAGTACCGAGAGCAGATGTTGACTGCTCATGGCCAGCAAGAA  
 AGATGACCCAGGTATAATAATGAAGTAAAAGAGCAACACTCAAAGGAGTTGCAAGCACATGTTGACCAA  
 ATCACCGAGATGGCAGCAGTAATGAGAAAAGCTATTGAAATTGACGAGCAGCAGGTTGCAAGGAACAGG  
 AGCGGATATTTCAACTTGAACAAGAAAATAAAGGCTTGAGAGAGATCCTTCAGATAAECTCGAATCCTT  
 TTTGAACCTTCGGAAGGATGATGCGTCAGAGAGTACGTCTCTATCTGCCTTAGTGACTAACAGTGACCTG  
 AGTCTGAGGAAGAGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG202379 representing BC028876  
 Red=Cloning site Green=Tags(s)

MSCTIEKALADAKALVERLRDHDAAESLIEQTTALSKRVEAMKQYQEEIQELNEVARHRPRSTLVMGIQ  
 QENRQIRELQENKELRTSLEEHQSALELIMSKYREQMFRLLMASKKDDPGIIMKLEQHSKELQAHVDQ  
 ITEMAAVMRKAIEIDEQQGCKEQERIFQLEQENKGLREILQITRESFLNLRKDDASESTLSALVTNSDL  
 SLRKS

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC028876

**ORF Size:** 647 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:** [BC028876](#), [AAH28876](#)

**RefSeq Size:** 2691 bp

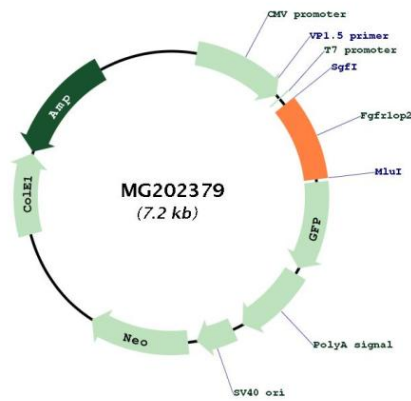
**RefSeq ORF:** 647 bp

**Locus ID:** 67529

**Cytogenetics:** 6 G3

**Gene Summary:** May be involved in wound healing pathway.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG202379