

## Product datasheet for MC211608

### Fgfr1op (NM\_201230) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fgfr1op (NM\_201230) 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:** >MC211608 representing NM\_201230  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGC**C

ATGGCGGCGACTACCGCCGGTGGTGGCCGAGGAAGACCGGAGCTGCGCGACCTGCTGGTGCAGACGC  
 TGGAGAACAGCGCGTGTGAACCGCATCAAGGCTGAACCTCAGAGCGGCTGTGTTTTAGCACTAGAAGA  
 ACAAGAAAAAGTAGAGAACAACTCCATTGGTCAATGAGAACTGAAAAAGTTTTAAACACAAAAGAT  
 GGTGCGTTTAGTGGCTAGTCTCGTCGCAGAAATTTCTTCAGTTTTTAATCTTGACTTCACCTTGGCTGTT  
 TCCATCCTGAAACTAGCACAATCAAGGTCTTGAAGGTCGAGAGAAGCTGGCCCGAGGATTTAGGCATCAT  
 TGAAGCAGAAGGTAAGTGTGGGTGGACCTTATTATTAGAAGTGATTAGACGCTGTCAACGAGAAAGAAAA  
 GGACCGGCCAGTGTGGAAGGTGCACTGGATCTATCCGATGGACATCCTCCATCAAAGTCACCTGAAGGAA  
 AATCAAGTGCAAACCTCCACCCCAAGTAAGAAGACTAGCAGTGAGACCAGTCAGAGTGAGCCAAGTGTCTC  
 CTTGTCAGAGTCCAAGAGTAAAAGCAGCCTGCACTCACTGGCCCATGAGACAAGAATTGCATCTTTCTTA  
 AGCAGCAGCGCTGTAGATGCCAGAGACAGCAGTGCCCTTTGTCCAGATGGGGATGATGTGGAAGGAGATT  
 CTTTCTTTGATGATCCCATTCTAAACCGAAAAAACCTATGGTTGGAGAGCTGAACCTCGGAAGCAAGT  
 GGGAGGTCTGGCCTCACTGTCTGACAAGCCCACTTAAGGAGCGGTCTCAGCTCCCTGGCCGAGCCCA  
 TCGCTAACAGATCCAGAGAGTAAAAGGGGAAGCACCGTCTGAAGGATCTGAAATTTGGTTGGTGAAGA  
 TTGGATCACTTGGCTAGGCACTGGAGAAGATGAGGACTATGCTGATGATTTAATAGTGTAGCCATCG  
 CTCAGAAAAAGTGAGCTAAGTATTGGTGAAGAGATTGAAGAAGACCTTTCCATGGGAGTAGAGGACGGG  
 AACACCAGTGATAAACTCGATGACCTCACACAAGACCTGACTGTTTCCAGCTCAGTGATGTTGCTGACT  
 ATCTGGAAGATGTTGCA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_201230
<b>Insert Size:</b>	1140 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_201230.5</a></u> , <u><a href="#">NP_957682.1</a></u>
<b>RefSeq Size:</b>	3111 bp
<b>RefSeq ORF:</b>	1140 bp
<b>Locus ID:</b>	75296
<b>UniProt ID:</b>	<u><a href="#">Q66JX5</a></u>
<b>Cytogenetics:</b>	17 A1
<b>Gene Summary:</b>	Required for anchoring microtubules to the centrosomes. Required for ciliation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.