

## Product datasheet for **MC208485**

### **Fgf18 (NM\_008005) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fgf18 (NM\_008005) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fgf18  
**Synonyms:** D130055P09Rik; FGF-18  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208485 representing NM\_008005  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTATTCAGCGCCCTCCGCTGCACTTGCTGTGTTTACTTTCTACTGCTGTGCTTCCAGGTTCAGG  
 TGTTGGCAGCCGAGGAGAATGTGGACTTCCGCATCCACGTGGAGAACCAGACGCGGGCTCGAGATGATGT  
 GAGTCGGAAGCAGCTGCGCTTGTACCAGCTCTATAGCAGGACCAGTGGGAAGCACATTCAAGTCCTGGGC  
 CGTAGGATCAGTGCCCGTGGCGAGGACGGGACAAGTATGCCAGCTCCTAGTGGAGACAGATACCTTCG  
 GGAGTCAAGTCCGGATCAAGGGCAAGGAGACAGAATTCTACCTGTGTATGAACCGAAAAGGCAAGCTCGT  
 GGGGAAGCCTGATGGTACTAGCAAGGAGTGCCTGTTTATTGAGAAGGTTCTGGAAAACTACACGGCC  
 CTGATGTCTGCCAAGTACTCTGGTTGGTATGTGGGCTTACCAAGAAGGGCGGCCCTCGCAAGGGTCCCA  
 AGACCCGCGAGAACCAGCAAGATGTACTTTCATGAAGCGTTACCCCAAGGGACAGGCCGAGCTGCAGAA  
 GCCCTTCAAATACACCACAGTACCAAGCGATCCCGCGGATCCGCCCACTACCCCGGC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_008005  
**Insert Size:** 624 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).



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<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>NM_008005.2, NP_032031.1</u>
<b>RefSeq Size:</b>	1546 bp
<b>RefSeq ORF:</b>	624 bp
<b>Locus ID:</b>	14172
<b>UniProt ID:</b>	<u>O89101</u>
<b>Cytogenetics:</b>	11 A4
<b>Gene Summary:</b>	<p>Plays an important role in the regulation of cell proliferation, cell differentiation and cell migration. Required for normal ossification and bone development. Stimulates hepatic and intestinal proliferation (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>