

## Product datasheet for **MC206736**

### **Fgf5 (BC071227) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fgf5 (BC071227) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fgf5
Synonyms:	angora; Fgf-5; go; HBGF-5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC071227  
CTGGCGTTATAAATATCCCGGTGCCAGCGCCGAGATCCGCTCGGGTGGCCTCTCTCTCCCCCTCTCCC  
TCTCCCTTCCCCGAGGCTATGTCCACCCTGTGCGGCGAGGGAGGCAGGCCAGAGGCACGCAGCCGCGCG  
GGGGCTACGGAGCCCGGAGCCAGCCCTGCAAGATGCACTTAGGACCCCGCGGCCGGAAGAATGAGCCTG  
TCCTTGCTCTTCTCATCTTCTGCAGCCACCTGATCCACAGCGCTTGGGCTCACGGGGAGAAGCGTCTCA  
CTCCCGAAGGGCAACCCGCGCTCTAGGAACCCGGGAGACTCCAGCGGCAGCCGGGCGAGAAGTAGCGC  
GACGTTTTCTTCGTCTTCTGCCTCCTCACCAGTCGCAGCTTCTCCGGGCAGCCAAGGAAGCGGCTCGGAA  
CATAGCAGTTTCCAGTGGAGCCCTTCGGGGCGCCGGACCAGCCTGTACTGCAGAGTGGGCATCGGTT  
TCCATCTGCAGATCTACCCGGATGGCAAAGTCAATGGCTCCCACGAAGCCAGTGTGTTAAGTATTTTGGAA  
AATATTTGCTGTGCTCAGGGGATTGTAGGAATACGAGGAGTTTTTTCAGCAACAAATTTTTAGCGATGTCA  
AAAAAAGGAAACTCCATGCAAGTGCCAAATTTACGGATGACTGTAAAGTTCAGGGAGAGATTCCAAGAAA  
ACAGCTATAATACCTATGCGTCCGCGATCCACAGAAGTAAAAGACAGGCCGAGAGTGGTACGTGGCCCT  
GAACAAGAGAGGGAAAGCAAGAGAGGCTGCAGCCCACGGGTCAAACCCCAACACGTCTCCACCCACTTC  
CTACCCAGTTCAAGCAGTCCGAGCAACCGGAACCTTCTTACCCTGACTGTTCAGAAAAGAAAAAGC  
CACCGGTGAAACCAAGGTGCCCTGTGCAGCCTCGCAGAAGTCCAGCCAGTGAAGTACAGACTGAA  
GTTTCGCTTTGGATGATGCTCGTCCATCCTGGCCTTGTGGAAACAACCTCTATACAGGCGTCATCGGA  
GCCCTGAAGGAAACTCGGATACAGCATCCCTCTGCTGTGCCTACACGTGTGGAAGTCAGGTCAATTTGTT  
TCGCTTTGACTGGAACATAACTGCTTTCTAAAATTTAAGTCGAAACAGAAGTGGGATTCTCTGTAGCGAT  
CCAGGGAGCTCATCTCTCAGATCACCGAGGATATAAAGGCTTCGTGATTTGAGGATGGTTAGCATTCTG  
CGTTTTTACAGACAGTTTGATAGCCTGGAACATGTACTTTTCTCATTTTTACAGATCAACCGGAAAGAAC  
ATACATGATACATGTTTATTTTTGTTTTCCAAAGAATATTTTGTGATGCAGATAAAATATTTATAAACTTT  
TGTTTTTTAAGGTACCTCAGCATTGAGCATATTTTCTACTTTTTATTATTTTAAATTAACGTGACACAAG  
CAGTTGGTTTTATTGCTGTTTGTGATTATAAACATTTTAATAGTTTGTGTTGAGGATCTGGATCTCCTT  
TGCGTTTTTCTCTACTACAGCATCGTTTACTTTATTTTGTAGCTATACCTCAAGTCGTATAAATTTAGTT  
CTACATTTTAAAAAAATTTTTAAATGTCTTTGAAAGCCCAAAAGGCTCAGCTTGAGGTTGTCATTG  
TGTATGAAGTTATGGCATTATGTGGAATCTGGCCATATTAGTGGCTGGGCTCAATGATCAGAAGGAGGAA  
AATATGAGGACGTTTTGATGGATTTAAAGGCTTTATGTAAGAAAAGGACAGAGGCCACCGCACACTAAG  
TGTGCAGCGTCCACAGAGATTTAACTCTGTCTTTTGTCTTTCTCTCTTTATCTGCCCTGCCCTCATT  
CAAGACCAGCTGAAGGAATAAGTTTTTATCTGTCCACCAAGCATACTAGGAAACTGGAGTGTAAAA  
ATACTTCTATAACTCCCTGTTATCCTTACTGTATGGACCCACAGGGAGTAATAATCAGGGTGTGTGTG  
GT  
AATCACTAACCAAGTTTTTCATGTCAAGTCTCATGGTCAAAAATACTTCTACTATTAGTCAAAATACCTT  
TGAGCTTCTACCTAAAGGTAATGACTGGAATGAGTGCATCTGCTCTGCTCTAAGAAAACCTGGTGAC  
CCTAGAAGCTTCTGCCCTTGCAGCCAGGAGCTTAATTCGGGAATGTGATGAGCTGAAAATGACACTTCA  
TTCTCAACCCAAATTCAAACCTCAACAGAAACCACAGACGGTTTTAGCTTACAAAGAGTTACAAAATGT  
ATTTTCTTGATAATCCTTTTTATGGAGATCTATGAAGTATAAGTGTTCACCTTATATTCCTAAATGCTG  
CAATAAAGAGGCGTAGATGACCATAAA AAAA

**Restriction Sites:** EcoRI-NotI

**ACCN:** BC071227

**Insert Size:** 795 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:**

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:** [BC071227](#), [AAH71227](#)

**RefSeq Size:** 2524 bp

**RefSeq ORF:** 795 bp

**Locus ID:** 14176

**Cytogenetics:** 5 47.77 cM

**Gene Summary:** This gene encodes a secreted protein that is a member of a family of heparin-binding growth factors. The encoded protein regulates cell proliferation, particularly the growth of hair follicles. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]