

Product datasheet for **RN204134**

Fgf3 (NM_130817) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgf3 (NM_130817) Rat Untagged Clone
Tag: Tag Free
Symbol: Fgf3
Synonyms: Int2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204134 representing NM_130817
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCCTGATCTGGCTTCTGCTGCTCAGCTTGTGGAACCCGGCTGGCCAGCTACGGGGCCGGGACGC
GACTTCGACGCGATGCGGGCGCCGTGGCGCGTTTACGAGCACCTCGGGGGCGCCCCGGCGCCGCAA
GCTCTACTGCGCTACCAAGTACCACCTCCAGCTTCACCCGAGCGCCGCGTGAACGGCAGCCTTGAGAAC
AGCGCCTATAGCATCCTGGAGATTACTGCTGTGGAGGTGGGCGTGGTGGCCATCAAAGGGCTCTTTCTG
GGCGGTACCTGGCCATGAACAAGAGAGGACGGCTGTATGCTTCGGAGCACTACAACGCAGAGTGTGAGTT
TGTGGAACGGATCCACGAGCTGGGTTACAATACATATGCTTCCCGCTATACCGCACGGGGCCAGTGGG
CCAGGGGCTCGACGGCAGCCTGGTGGCCAGAGACCTTGGTACGTGTCTGTGAACGGCAAGGGTCGGCCAC
GCAGGGGCTTCAAGACCCGCCGACACAGAAGTCTTCTCTTCTTCCCGAGTGTGGGTCAACAAGGA
CCATGAGATGGTACGGCTGCTGCAGAGTGGCCAGCCACAAGCCCCAGGAGAGGGCAGCCAACCCAGGCAG
CGGAGGCAGAAGAAGCAGAGCCAGGTGATCATGGCAAATGGAGCATTTGCCAACCAAGGCCACTACAA
CGCCCAACTGGATACAGGGGGACTGGCTATGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_130817
Insert Size: 738 bp



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| 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: | <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_130817.1</u> , <u>NP_570830.1</u> |
| RefSeq Size: | 738 bp |
| RefSeq ORF: | 738 bp |
| Locus ID: | 170633 |
| Cytogenetics: | 1q42 |
| Gene Summary: | member of the fibroblast growth factor (FGF) family; implicated in activities including embryonic development, cell growth, morphogenesis, tissue growth, and tumor growth and invasion [RGD, Feb 2006] |