

Product datasheet for **RN204364**

Fgf18 (NM_019199) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Fgf18 (NM_019199) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Fgf18 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| Fully Sequenced ORF: | >RN204364 representing NM_019199 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTATTCAGCGCCCTCCGCTGCACTTGCTGTGTTTACTTTCTACTGCTGTGCTTCCAGGTTCCAGG
TGTTGGCAGCCGAGGAGAACGTGGACTTCCGCATCCATGTGGAGAACCAGACTCGGGCTCGCGATGATGT
GAGTCGGAAGCAGCTGCGCTTGTACCAGCTCTACAGCAGGACCAGTGGGAAGCACATTCAAGTCCGGGC
CGTAGGATCAGTGCCCGTGGCGAGGACGGGACAAGTATGCCAGCTCCTAGTGGAGACGGATACCTTCG
GGAGTCAAGTCCGGATCAAGGGCAAAGAGACAGAGTTCTACCTGTGTATGAACCGAAAAGGCAAGCTCGT
GGGGAAGCCTGATGGTACTAGCAAGGAGTGCCTGTTTATTGAGAAGGTTCTGGAAAACTACACGGCC
CTGATGTCAGCCAAGTACTCAGGCTGGTACGTGGGCTTACCAAGAAGGGCGGCCTCGAAGGGTCCCA
AGACCCGCGAAAACCAGCAAGATGTGCACTTTCATGAAGCGTTACCCCAAGGGACAGACTGAGCTGCAGAA
GCCCTTCAAGTACACCAGTTACTAAGCGATCCCGCGGATCCGCCCACTACCCCGGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_019199 |
| 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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| 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_019199.1</u> , <u>NP_062072.1</u> |
| RefSeq Size: | 624 bp |
| RefSeq ORF: | 624 bp |
| Locus ID: | 29369 |
| UniProt ID: | <u>O88182</u> |
| Cytogenetics: | 10q12 |
| Gene Summary: | fibroblast growth factor; may be a secreted signalling molecule in the adult lung [RGD, Feb 2006] |