

Product datasheet for **MG226774**

Fgf18 (NM_008005) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgf18 (NM_008005) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Fgf18
Synonyms: D130055P09Rik; FGF-18
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG226774 representing NM_008005
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTATTCAGCGCCCTCCGCTGCCTGTGTTTACACTTTCTACTGCTGTGCTTCCAGGTTTCAGG
 TGTTGGCAGCCGAGGAGAATGTGGACTTCCGCATCCACGTGGAGAACCAGACGCGGGCTCGAGATGATGT
 GAGTCGGAAGCAGCTGCGCTTGTACCAGCTCTATAGCAGGACCAGTGGGAAGCACATTCAAGTCTGGGC
 CGTAGGATCAGTCCCGTGGCGAGGACGGGACAAGTATGCCAGCTCCTAGTGGAGACAGATACCTTCG
 GGAGTCAAGTCCGGATCAAGGGCAAGGAGACAGAATTCTACCTGTGTATGAACCGAAAAGGCAAGCTCGT
 GGGGAAGCCTGATGGTACTAGCAAGGAGTGCCTGTTTCATTGAGAAGGTTCTGGAAAACAACTACACGGCC
 CTGATGTCTGCCAAGTACTCTGGTTGGTATGTGGGCTTACCAAGAAGGGGCGGCCCTCGAAGGGTCCCA
 AGACCCGCGAGAACCAGCAAGATGTACACTTTCATGAAGCGTTACCCCAAGGGACAGGCCGAGCTCGAGAA
 GCCCTTCAAATACACCACAGTCACCAAGCGATCCCGCGGATCCGCCCACTCACCCCGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG226774 representing NM_008005
 Red=Cloning site Green=Tags(s)

MYSAPSACTCLCLHFLLLCFQVQVLAEEENVDFRIHVENQTRARDDVSRKQLRL YQLYSRTSGKHIQVLG
 RRI SARGEDGDKYAQLL VETDTFGSQVRIKGETEFYLCMNRKGLVGKPDGTSKECVFIEKVLNNYTA
 LMSAKYSGWYVGF TTKGRPRKGPKTRENQDVFHMKRYPKGQAE LQKPFKYTTVTKR SRRIRP THPG

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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: [NM_008005.2](#), [NP_032031.1](#)

RefSeq Size: 1094 bp

RefSeq ORF: 624 bp

Locus ID: 14172

UniProt ID: [O89101](#)

Cytogenetics: 11 A4

Gene Summary: 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]