

Product datasheet for MR222971

Fgf6 (NM_010204) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgf6 (NM_010204) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fgf6
Synonyms: Fgf-6; HSTF-2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222971 representing NM_010204
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTGGGACAGAGGCTGTTCACTACTATGTCCCGGGAGCAGGACGTGTTCAAGGCACGCTGCAGG
 CTCTCGTCTTCTTAGGCGTCCTAGTGGGCATGGTGGTGCCTCACCTGCCGGCGCCCGCCAACGGCAC
 GCTACTGGACTCCAGAGGCTGGGCACCCTCTTGCCAGGTCTCGAGCTGGGCTAGCTGGAGAGATTTCC
 GGTGTGAATTGGAAAGCGGCTATTTGGTGGCATTAAAGCGACAGCGGAGACTCTACTGCAACGTGGGCA
 TTGGCTTCCACCTCCAGGTGCCTCCTGACGGCCGCATCAGTGGAACACACAGGAGAACCCTACAGCCT
 GCTGGAGATCTCCACGGTAGAACGGGTGTGGTAGCCTCTTCGGGTGAAGAGTCTCTTCATTGCC
 ATGAACAGTAAAGGAAGACTGTACACAACGCCAGCTTCCACGACGAATGCAAGTTCCGAGAAAACCTCC
 TTCAAACAACACTACAACGCTACGAGTCAGACCTGTACAGAGGGACCTACATTGCACTGAGCAAATATGG
 ACGGGTAAAGCGGGCAGCAAGGTGTCCCAATCATGACTGTCACTCACTTCTCCCCAGGATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR222971 representing NM_010204
 Red=Cloning site Green=Tags(s)

MALGQRLFITMSRGRVQGLQALVFLGVLVGMVVPSPAGARANGTLLDSRWGTLLSRSRAGLAGEIS
 GVNWESGYLVGIKRRLYCNVIGFHLQVPPDGRISGTHEENPYSLEISTVERGVVSLFGVKSALFIA
 MNSKGRLYTTPSFHDECKFRETLLPNNYAYESDLYRGTYIALSKYGRVKRGSKVSPIMTVTHFLPRI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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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_010204.1](#), [NP_034334.1](#)

RefSeq Size: 1232 bp

RefSeq ORF: 627 bp

Locus ID: 14177

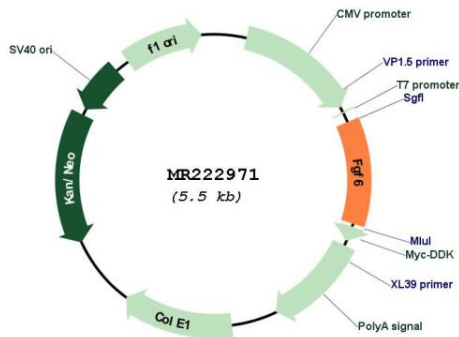
UniProt ID: [P21658](#)

Cytogenetics: 6 61.92 cM

MW: 23.2 kDa

Gene Summary: Plays an important role in the regulation of cell proliferation, cell differentiation, angiogenesis and myogenesis, and is required for normal muscle regeneration.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222971