

Product datasheet for MC211931

Fgf16 (NM_030614) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgf16 (NM_030614) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fgf16
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211931 representing NM_030614
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCGGAGGTCGGGGCGTCTTTGCCTCCTTGGACTGGGACCTGCACGGCTTCTCCTCCTCTCTGGGA
 ACGTGCCCTTAGCTGACTCCCCGGGTTTCTGAACGAGCGCTGGGCCAGATCGAGGGGAAGCTGCAGCG
 CGGCTCGCCACAGACTTCGCCACCTGAAGGGGATCCTGCGGCGCCGACGCTACTGCCGACCCGGC
 TTCCACCTTGAGATCTTCCCAACGGCACGGTGCACGGCACCCGCCACGACCACAGCCGCTTCGGAATTC
 TGGAAATTTATCAGCTTGCTGTGGGGCTGATCAGCATCAGGGGAGTGACTCTGGCCTGTACCTAGGAAT
 GAATGAGCGAGGAGACTCTATGGATCGAAGAACTCACACGTGAATGTGTTTTCCGGGAACAGTTTGAA
 GAAAACCTGGTACAACACCTATGCCTCCACCTTGTACAAACACTCGGACTCGGAGAGACAGTATTATGTGG
 CCCTGAATAAAGACGGCTCACCCGGGAGGGATACAGGACTAAACGACACCAGAAATTCACTCACTTTT
 ACCAAGGCCAGTAGATCCTTCTAAGTTGCCCTCCATGTCCAGAGATCTCTCCGCTATAGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_030614
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_030614.2</u> , <u>NP_085117.2</u>
RefSeq Size:	3040 bp
RefSeq ORF:	624 bp
Locus ID:	80903
UniProt ID:	<u>Q9ESL8</u>
Cytogenetics:	X D
Gene Summary:	Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation, and is required for normal cardiomyocyte proliferation and heart development.[UniProtKB/Swiss-Prot Function]