

Product datasheet for **MC204941**

Fgf21 (NM_020013) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgf21 (NM_020013) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fgf21
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC049592

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GACAGCCTTAGTGTCTTCTCAGCTGGGGATTCAACACAGGAGAAACAGCCATTCACCTTTGCCTGAGCCCC
AGTCTGAACCTGACCCATCCCTGCTGGGCACCGGAGTCAGAACAATTCCAGCTGCCTTGCTCCTCAG
CCGCTCGCTTGCCAGGGGCCCTCCCGAACGGAGCGCAGCCCTGATGGAATGGATGAGATCTAGAGTTGGG
ACCTGGGACTGTGGGTCGACTGCTGCTGCTGCTTCTCCTGCTGGGGTCTACCAAGCATACCCATCC
CTGACTCCAGCCCCCTCCTCCAGTTTGGGGTCAAGTCCGGCAGAGGTACCTCTACACAGATGACGACCA
AGACACTGAAGCCACCTGGAGATCAGGGAGGATGGAACAGTGGTAGGCGCAGCACACCGCAGTCCAGAA
AGTCTCCTGGAGCTCAAAGCCTTGAAGCCAGGGGTCATTCAAATCCTGGGTGTCAAAGCCTCTAGGTTTC
TTTGCCAAACAGCCAGATGGAGCTCTCTATGGATCGCCTCACTTTGATCCTGAGGCCTGCAGCTTCAGAGA
ACTGCTGCTGGAGGACGTTACAATGTGTACCAGTCTGAAGCCCATGGCCTGCCCTGCGTCTGCCTCAG
AAGGACTCCCCAAACCAGGATGCAACATCCTGGGACCTGTGCGCTTCTGCCATGCCAGGCCTGCTCC
ACGAGCCCCAAGACCAAGCAGGATTCTGCCCCAGAGCCCCAGATGTGGGCTCCTCTGACCCCCCTGAG
CATGGTAGAGCCTTTACAGGGCCGAAGCCCGACTATGCGTCTGACTCTTCTGAATCTAGGGCTGTTT
CTTTTTGGGTTTCCACTTATTTATTACGGGTATTTATCTTATTTATTTATTTTAGTTTTTTTTTCTACT
TGGAAATAAAGAGTCTGAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Sfil-Sfil
ACCN: NM_020013
Insert Size: 633 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>BC049592</u> , <u>AAH49592</u>
RefSeq Size:	997 bp
RefSeq ORF:	633 bp
Locus ID:	56636
UniProt ID:	<u>Q9JJN1</u>
Cytogenetics:	7 B3
Gene Summary:	Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity probably requires the presence of KLB.[UniProtKB/Swiss-Prot Function]