

Product datasheet for **MC210489**

Fgf22 (NM_023304) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fgf22 (NM_023304) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fgf22
Synonyms: 2210414E06Rik; FGF-22
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210489 representing NM_023304
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCGCAGCCGCCTCTGGCTGGCCTAGCCTGGCTGCTGTTGGCGGGCACCGGGCGCTCCGGGAGGGT
ACCCGCATCTGGAGGGCGACGTGCGCTGGCGCCGCTCTTCTCCTCCACTCACTTTTTCTCGCTGTGGA
CCTTGGTGGTTCGGTGCAGGGACGCGTTGGCGGCACGGCCAGGACAGTATAGTGAGATCCGTTCTGTG
CGTGTGGGCACGTGGTGATCAAAGCTGTGACTCAGGCTTCTATGTGGCCATGAATCGCAGGGGCCGCC
TCTATGGTTCGGGTCTACTCTGTGGACTGTAGGTTCCGGGAGCGCATCGAGGAGAACGGCTACAACAC
ATACGCCTCGCGACGTTGGAGGCACCGCGGCCGACCCATGTTCTCGCACTTGACAGCCAAGGCATTCCC
AGGCAAGGCAGACGGACACGACGGCACCAACTGTCCACACTTCTGCCAGTCTTGGTCTCGTCTGA

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_023304
Insert Size: 489 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_023304.1, NP_075793.1</u>
RefSeq Size:	489 bp
RefSeq ORF:	489 bp
Locus ID:	67112
UniProt ID:	<u>Q9ESS2</u>
Cytogenetics:	10 C1
Gene Summary:	<p>Plays a role in the fasting response, glucose homeostasis, lipolysis and lipogenesis. Can stimulate cell proliferation (in vitro). May be involved in hair development.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>