

Product datasheet for MC210228

Fgf23 (NM_022657) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgf23 (NM_022657) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fgf23
Synonyms:	Fgf8b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210228 representing NM_022657 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTAGGGACCTGCCTTAGACTCCTGGTGGGCGCCTCTGCACTGTCTGCAGCTTGGGCACTGCTAGAG
CCTATCCAGACACTTCCCATTGCTTGGCTCCAACGGGAAGCCTGACCCACCTGTACACGGCTACAGC
CAGGACCAGCTATCACCTACAGATCCATAGGGATGGTCATGTAGATGGCACCCCATCAGACCATCTAC
AGTGCCCTGATGATTACATCAGAGGACCGCGCTCTGTGGTGATAACAGGAGCCATGACTCGAAGGTTCC
TTTGTATGGATCTCCACGGCAACATTTTGGATCGCTTCACTTCAACCCAGAGAATTGCAAGTTCGCCA
GTGGACGCTGGAGAATGGCTATGACGTCTACTTGTGCGAGAAGCATCACTACCTGGTGAGCTGGGCGC
GCCAAGCGCATCTTCCAGCCGGGCACCAACCCGCGCCCTTCTCCAGTTCTGGCGCGCAGGAACGAGG
TCCCGCTGCTGCACTTCTACACTGTTCCGCCACGGCGCCACACGCGCAGCGCCGAGGACCCACCCGAGCG
CGACCCACTGAACGTGCTCAAGCCGCGGCCCGCCGCGCCACGCTGTGCCTGTATCCTGCTCTCGCGAGCTG
CCGAGCGCAGAGGAAGGTGGCCCGCAGCCAGCGATCCTCTGGGGGTGCTGCGCAGAGGCCGTGGAGATG
CTCGCGGGGGCGGGAGCGCGGATAGGTGTCGCCCTTCCAGGTTTCGTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_022657
Insert Size:	756 bp



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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).
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:	NM_022657.4 , NP_073148.1
RefSeq Size:	2702 bp
RefSeq ORF:	756 bp
Locus ID:	64654
UniProt ID:	Q9EPC2
Cytogenetics:	6 F3
Gene Summary:	This gene encodes a member of the fibroblast growth factor family. The encoded protein regulates phosphate homeostasis and vitamin D metabolism. Mutation of the related gene in humans causes autosomal dominant hypophosphatemic rickets (ADHR). The secreted protein is further cleaved into N- and C-terminal chains, which results in loss of function. [provided by RefSeq, Mar 2013]