

Product datasheet for **RN215058**

Gdf10 (NM_024375) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gdf10 (NM_024375) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gdf10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215058 representing NM_024375
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCCAGGTCTTGCTCGGATCAGCTTGAGGTCTCAGCTGCTGCCCTTGGTGCCGCTGCTCCTGCTAC
 TCGGGGGCGCAGGCTGCGGCCACAGAGTCCCCTCATGGTCCTCACTGCCTTCAGCAGCTGACAGTGTGCA
 GAGGGACAGGGACCTCCAGCAGTCACCCGGGACGCTGCAGCCGCTCTGGGTCCAGGCGCCAGGACATA
 GTCGCTGTCCACATGCTCAGGCTCTATGAGAAGTACAACCGAGAGGCGCTCCACCAGGAGGAGCAACA
 CCGTCCGAAGCTTCCGTGCGCCGGCTGGATGTGATCGACCAGAAGCCTGTGTATTCTTCACTTGACTTC
 CATGCAAGACTCAGAAATGATCCTCACAGCCACCTTCCACTTCTACTCAGAACCTCCACGGTGGCCCCGG
 GCTCGTGAGGTATTCTGCAAGCCCCGAGCTAAGATGCATCCTGCCGGCTCCTGACCCAGGTCTGCCTG
 CTCGTTGCACCTAATCTTCCGAGTCTCTCGCAGAACACTGCCACTCAGGGGCTGCTCCGCGGGGCCAT
 GGCCCTGACACCTCCACCACGTGGCCTCTGGCAGGCCAAGGACATCTCCTCAATCATCAAGGCTGCCGA
 AGGGATGGAGAACTTCTTCTCTGCTCAGCTGGATTCTGGAGAGAAGGATCTCGGAGTGCCACGGCCCA
 GTTCCCATATGCCCTATATCCTTGTCTATGCAAAATGACCTGGCCATCTCGGAGCCCAACAGTGATAGCAGT
 GACGCTACAGAGATACGACCCATTTCCAGCTGGAGACTTTGAGCCTGGAGCAGCCCCAACAGCTCAGCG
 GATCCCCGCGTGCGCAGGGCGGCACAGGTATCCAAACCCCTGCAAGACAATGAATTCAGGGCTGGACG
 AAAGACCAGCGCCTGCCCTGCACGCCACGATTTCCACAAGCAGCAGTTCCTGGTCCAGTCTTCCGGGC
 ACTGAAACCCCGCACCAGGGCGCAAAGACCGCAAGAAGAAAGACCAGGATACATTCACCCCTCTCTCTCG
 CAGGTGCTGGACTTTGATGAGAAGACGATGCAGAAAGCCAGGAGCGGCAGTGGGATGAGCCTCGGGTCT
 GCTCCAGGAGGTACCTGAAGGTGGATTTTGCAGACATCGGGTGAATGAATGGATCATCTACCCAAATC
 CTTTGATGCCTACTACTGTGCTGGAGCCTGCGAGTTCCTCATGCCCAAGATCGTCCGCCCGTCCAACCAT
 GCCACCATCCAGAGCATCGTCAGAGCTGTGGGCATTGTCCCTGGCATCCCGGAGCCATGTGTGTCCAG
 ACAAGATGAACCTCCCTTGGAGTCTTTTCTGGACGAGAATCGGAATGTGGTTCTGAAGGTGTACCCCAA
 TATGTCCGTAGAGACCTGTGCCTGTCGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_024375
- Insert Size:** 1431 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).
- 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:**
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_024375.1, NP_077351.1

RefSeq Size: 2411 bp

RefSeq ORF: 1431 bp

Locus ID: 79216

UniProt ID: P55108

Cytogenetics: 16p16

Gene Summary: may play a role in the central nervous system, in bone formation and remodeling [RGD, Feb 2006]