

Product datasheet for **RN216581**

Gdf11 (NM_017203) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gdf11 (NM_017203) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gdf11
 Synonyms: BMP-11
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN216581 representing NM_017203
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGCTCGGGCCCCGCTGCTGCTGGGCTTCTGCTCCTCGCCCTGGAGCTGCGGCCCGGGGGAGG
 CGGCCGAGGGCCCCGGCGGGCGCGCGGCGGCGGCGCGGGTTCGGGGGGAGCGCTCCAG
 CCGGCCGCCCCGTCCGCTGCACCGAGCCGGACGGTGCCTCGTGTGCGTGTGGCGGCAGCACAGCCG
 GAGCTGCGCTGGAGAGCATCAAGTCGAGATCCTGAGCAAACCTCGGCTCAAGGAGCGCCCAACATCA
 GCCGGGAGGTGGTGAAGCAGCTGCTGCCAAGGCGCCCGCTGCAGCAGATCCTGGATCTGCACGACTT
 CCAAGGCGACGCGCTGCAGCCCGAGGACTTCTTGAAGAGGACGAGTACCACGCTACCACCGAGACGGTC
 ATAAGCATGGCCAGGAGACGGACCCTGCAGTGCAGACAGACGGCAGCCCTCTGTGTTGCCATTTCCACT
 TCAGCCCCAAGGTGATGTTACAAAGGTAAGGCCCCAAGTGGGTGTACCTCCGGCCTGTGCCCG
 CCCAGCAACAGTCTACCTGCAGATCTTACGACTGAAGCCCTAAGTGGGAAGGGACCGCAGGGGGAGGG
 GGTGGAGGCCGGCGTCACATCCGGATCCGGTCAAAAATTGAGCTACACTCACGCTCCGGCCACTGGC
 AGAGCATCGACTTCAAGCAAGTGTACACAGCTGGTTTCGCCAGCCACAAAGCAACTGGGAATCGAGAT
 CAACGCCTTTGATCCAGTGGCAGACCTGGCTGTACCTCCCTGGGGCCAGGAGCTGAGGGCTGCAC
 CCTTTTCATGGAGCTTCGAGTTCTAGAGAACACAAAGAGTCCCGCGGAACCTAGGCCTAGACTGCGATG
 AACACTCGAGTGAGTCCCGCTGCTGCCGATACCCTCTCACAGTGGACTTCGAGGCTTTTGCTGGGACTG
 GATCATCGCACCTAAGCGCTACAAGGCCAACTACTGCTCCGGCCAGTGGCAATACATGTTTCATGAAAAAG
 TATCCACACACCCACTTGGTGAACAGGCCAACCCACGAGGCTCTGCTGGGCCCTGCTGCACCCCTACCA
 AGATGTCCCAATCAACATGCTCTACTTCAATGACAAGCAGCAGATTATCTACGGCAAGATCCCTGGCAT
 GGTGGTGGATCGATGTGGCTGCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_017203
Insert Size:	1218 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_017203.1</u> , <u>NP_058899.1</u>
RefSeq Size:	4013 bp
RefSeq ORF:	1218 bp
Locus ID:	29454
UniProt ID:	<u>Q9Z217</u>
Cytogenetics:	7q11
Gene Summary:	member of the bone morphogenetic protein/transforming growth factor beta (BMP/TGFbeta) superfamily expressed in adult dental pulp and brain [RGD, Feb 2006]