

## Product datasheet for **RN205293**

### Gdf9 (NM\_021672) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gdf9 (NM_021672) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gdf9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205293 representing NM_021672 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCATTCCAGCAGATTCTGTTGGGGTTTGTGCTTTGCCTGGCTGTGTCTTCTATTAGCCTTA  
GCTCTCAGGCTTCCACGGGAGAAATCCCAGGCTGGAGCCAGTAAAAATTTGGAGTCTGAGGCAGACCCCTG  
GTCCTTGCTGTTGCCTGTAGATGGGACTGACAGGTCTGGCCTCTTGCCCCCTCTCAAGTTCTCTCT  
GATAGGCGAAGTGAGACCCCTAAGCTGCAGCTGACTCCAGAGCTCTACTACATGAAAAGCTCTATA  
AGAGTATGCTACCAAAGAGGGGTTCTAAACCCAGCAGAAGTCACTCTACAATACCGTCCGGCTCTT  
CAGCCCCGTGCCCCAGCAGGAGCAGGCTCCAGCAACCAGATGACAGGACCCCTGCCAATGGTGGACCTG  
CTATTTAACCTGGACCGGTGACTGCCATGGAACACTTACTCAAATCGGTCTTGCTATACACTCTGAACA  
ACTCCGCTGCTTCTCCTCCACTGTGACCTGTGTGTGACCTTGTGGTAAAGGAGCCCATGCTTCCAG  
CAAGGCTACCCCAAGAGCGCCATACTCATTTACCCTGAGGAAACACAGGTGGATTGAGATGGATGTGACC  
TCCCTCTTCAGCCCCTGGTGGCCTCAAGCGAGAGGAGCATTACCTATCTGTCAATTTTACATGCACAA  
GAGACCAGGCCCCAGAGAATGGAACGTTAATATGCCTCTCTCAGTGCCGCCCTCGCTCATCTTGTATCT  
CAATGACACGAGTACCCAGGCCTACCATTCTGGCAGTCCCTTCAGTCCACCCAGAGGCATTACAGCAT  
CCCGGCCAGGACAGTGTGACTACCGTCTGTGGAAGAGGAGGCTACTGAGGTAGAAAGATCTCCTCGGC  
ACCGTCCGGGACAGAAAACCTCAGCTCAGAAACAAGAAGCCACTTACAGCATCCTTCAATCTCAGTGA  
ATACTTACAGAGTCTTTTCCCTCAAACGAGTGTGAACTCCATGATTTAGACTGAGTTTTAGTCAG  
CTCAAATGGGACAACCTGGATCGTGGCCCCGCACAGATACAACCCTAGGTAAGGAGGACTGTCCCC  
GGGCGTACAGGCATCGGTACGGCTCTCCTGTGCACACCATGGTCCAGAATATCATCTATGAGAAGCTAGA  
CCCCTCAGTGCCAAGGCCTTATGTGTGCCCGGCAATACAGCCCCTTGAGCGTGTGACCATGAACCC  
GATGGCTCCATTGCTTACAAAGAGTACGAAGATATGATAGCTACAAGGTGCACCTGTCGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_021672
<b>Insert Size:</b>	1323 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_021672.1</a></u> , <u><a href="#">NP_067704.1</a></u>
<b>RefSeq Size:</b>	1388 bp
<b>RefSeq ORF:</b>	1323 bp
<b>Locus ID:</b>	59304
<b>Cytogenetics:</b>	10q22
<b>Gene Summary:</b>	member of the TGF family; may regulate folliculogenesis [RGD, Feb 2006]