

## 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  |
| Vector:              | pCMV6-Entry (PS100001)  |
| E. coli Selection:   | Kanamycin (25 ug/mL)  |
| Cell Selection:      | Neomycin  |
| Fully Sequenced ORF: | >RN205293 representing NM_021672<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCATTCCAGCAGATTCTGTGGGGTTTGTCTTTGCCTGGCTGTCTTCTTATTAGCCTTA  
GCTCTCAGGCTTCCACGGGAGAATCCAGGCTGGAGCCAGTGAAAATTTGGAGTCTGAGGCAGACCCCTG  
GTCCTTGCTGTTGCCTGTAGATGGGACTGACAGGTCTGGCCTCTTGCCCCCTTCAAGTTCTCTCT  
GATAGCGGAAGTGAGACCCTAAGCTGCAGCCTGACTCCAGAGCTCTACTACATGAAAAGCTCTATA  
AGACGTATGCTACCAAAGAGGGGTTTCTAAACCAGCAGAAGTCACTCTACAATACCGTCCGGCTCTT  
CAGCCCCGTGCCAGCAGGAGCAGGCTCCAGCAACCAGATGACAGGACCCCTGCCAATGGTGGACCTG  
CTATTTAACCTGGACCGGTGACTGCCATGGAACACTTACTCAAATCGGTCTTGCTATACACTCTGAACA  
ACTCCGCTGCTTCTCCTCCACTGTGACCTGTGTGTGACCTTGTGTAAGGAGCCCATGTCTCCAG  
CAAGGCTACCCCAAGAGCGCCATACTCATTACCTGAGGAAACACAGGTGGATTGAGATGGATGTGACC  
TCCCTCCTCAGCCCCTGGTGGCCTCAAGCGAGAGGAGCATTACCTATCTGTCAATTTTACATGCACAA  
GAGACCAGGCCCCAGAGAATGGAACGTTAATATGCCTCTCTCAGTGCCGCCCTCGCTCATCTTGTATCT  
CAATGACACGAGTACCCAGGCCTACCATTCTGGCAGTCCCTTCAGTCCACCCAGAGGCATTACAGCAT  
CCCGGCCAGGACAGTGTGACTACCCGCTCTGTGGAAGAGGAGGCTACTGAGGTAGAAAGATCTCCTCGGC  
ACCGTCCGGGACAGAAAACCTCAGCTCAGAAACAAAGAAGCCACTTACAGCATCCTTCAATCTCAGTGA  
ATACTTACAGCAGTTTCTTTCCCTCAAACGAGTGTGAACTCCATGATTTACAGACTGAGTTTGTAGTCA  
CTCAAATGGGACAACCTGGATCGTGGCCCCGACAGATAACAACCTAGGTACTGTAAGGGGACTGTCCCC  
GGGCAGTCAGGCATCGGTACGGCTCTCCTGTGCACACCATGGTCCAGAATATCATCTATGAGAAGCTAGA  
CCCCTCAGTGCCAAGGCCTTCAATGTGTGCCCGGCAATAACAGCCCCTTGAGCGTGTGACCATGAACCC  
GATGGCTCCATTGCTTACAAAGAGTACGAAGATATGATAGCTACAAGGTGCACCTGTCGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

|                               |   |
|-------------------------------|---|
| <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]   |