

Product datasheet for **RN208038**

Gdf3 (NM_001109671) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gdf3 (NM_001109671) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gdf3
Synonyms:	RGD1564178
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208038 representing NM_001109671 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAACCTTCCAAAGGCTTCTGACTCTCGGCTTCTTCTGTTAACCTGGCCCGGGCCAGACATCCG
AGTTTCAAGACTATGACTTTTTGCAATTTCTGGGCTTAAAGAAAGCGCTTCACCCACAGGTTCCAACC
TGTGCCTCGCATCTTAAGGAAAATCATACGGGCTCGAGAAACCGCTGCAGCCAGCGGGCCCTCGCAGGAC
TTATGCTACGTGAAGGAGCTGGGCGTCCGTGGGAACCTGCTTCGGCTTCTCCAGACCAGGTTTTTTCC
TTAACACACAGAAACCTTCCCAAGATGGCTCCTGTCTACAGAAGGTCTCTCTTTAACTTGCTGCCGT
CAAAGAAAAGGGAAAGTTGACCATGGCCAGCTGATTCTACACTTGGGGCCAGGTCTACCATTACCTG
CAGCTGGAGCTGGTGGTGGCTGTATCTGTGGTTCAAGATCGTGGTGTGTGGGGCGATCCCACCCTAAGC
TGGGCAGGTTGCTCGTTCAGAAGTCTGTCTGGGACCTCAAGGTTCTCTTCAGTTCAACCTGCAGGGTGT
GGTTAAGGATTGGAACCGCCACCAACTGAAGAATTTGGACTTATACTTAGAGATTCTGGTCAAAGAGGAC
AGATACTCCAGGGTAAATGCCAGCTTGATAACCCCTGAACCACTGATGCACCTCTCTCATGCCTCCC
TGCTGGTGGTGACCTCAACCTTAAACACTGTCAACCTTCTCCAGAAAGAAGAGGGCAGCCATCCCTAT
TCCCAAGGGTCTTTGTAGGAACCTCTGCCATCGTCAACCACTGTTGTCGTAACCTCCAGGACCTGGGTTGG
CACAAGTGGGTCATTGCCCTAAGGGTTTTCATGGCAAACACTGTGTCATGGAGATTGCCCTTACAAATGA
CCACGTATTTGAATAGCTCCAATTATGCCTTATGCAGGCTCTGATGCATATGGCTGACCCAGGGTCCC
CAAGGCTGTGTATCCCACCAAGCTGTCTCCAATCTCCATGCTCTATCAAGATAACGAGAAGAACGTC
ATTCTCCGACATTATGAAGACATGGTAGTGATGAGTGTGGGTGGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001109671



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Insert Size:	1101 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:	<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_001109671.1, NP_001103141.1</u>
RefSeq Size:	1270 bp
RefSeq ORF:	1101 bp
Locus ID:	500311
Cytogenetics:	4q42