

Product datasheet for **RN209660**

Gzf1 (NM_001107788) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gzf1 (NM_001107788) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gzf1
Synonyms:	RGD1562321; Zfp336
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>RN209660 representing NM_001107788

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

 ATGGAAGTGGTACAGTTTGTCTGGAATCTAAGTCTTCACCATTGAACCTTCTGCATGAGATGCATGAGC
 TCCGCCTTCTGGGCCACCTGTGTGATGCTACTGTTATCGTAGATTATCAGGGTGTCCGTGAAGACTTCAT
 GGCCATAAAGCAGTGTGGCAGCCACCAGCAAGTTTTTAAGGAGGTGTTCTGAACGAGAAGCGTGCA
 GACGGTACCAGGACTAATGTTTACTTGAGTGAAGTTCAAGTTGTTGACTTTGCTTCATTTTTGGAGTTTG
 TCTATACTGCCAGAGTGGGGTGAAGAAGACCGCTGCAGCAGATGCTAGAAGTGGCTGAGAAGCTAAA
 GTGTTTGGACCTGTCTGAAACATGCTTGCAGCTGAAGAAGCAAATGCTGGAGTCTGTCTTTTGAATTG
 CAGAATTTCTCTGAGTCTCAGGAGGTGGAGGCCAGCAGTGGCCCCAGGTGAGTGTGACTCCAGCTCCA
 AAGCAAGTGTACCAGCAGGAGAGGATGCTACTCCAATGGCCTTGTAGATTCTCTGACTACCCAATAGA
 GAGATTGGCAATGGCCTTTACCAGAAACGCCATCTAAGAAGTGAAGGAGAACTGGACAAGAAGAAA
 GATGTGGCTAAGCCTCCCTTCCCTAAGATCAGAAGAGCGAGTGGGAGACTGGCTGGAAAAAGGTGTTTG
 TGGAAATCCCTAAAAAGAAATATACAAGAAGGCTCCGAGAACAGCAGAAAAGTGTGAGGAAGCCGCAAA
 GAATGACAAGTGTCTCAGGACCAAGCCAGACAATGAGAGAGTGGAGGCCGAGCCAGCTTCCAAAAGT
 GAGGCTTGCCCTGCTAGTGTGGAACGAGAGGAAAGTTTGCAGAAAGTGGAGGGAGAGAAGGAAGAGGAGG
 AAGGGAAGGATGGGGAAGAGAAGAAGAAGAGTAACCTTTCAGTGCACAGTCTGTGACAAGGCCCTTCTGT
 TGAGAAGAGTTTCTGAAACATATCAAGTACCACCATGGAGTGGCCACCGAAGTGGTGTACCGATGTGAT
 ACCTGTGGCCAGACCTTTGCCAACCGCTGCAACCTGAAGAGCCACCAGCGCCATGTGCACAGCAGCGAGC
 GCCACTTCCCATGCGAAATGTGTGCAAGAAGTTCAAACGCAAGAAAGATGTGAAACGGCATGTGCTGCA
 GGTGCATGAGGGTGGTGGCGAGCGGCACCGCTGTGGCCAGTGTGGCAAGGCCCTGAGCTCCAAGACTGCT
 CTGCGGCTTCATGAGCGCACACACACCGGCGACAAGCCCTATGGCTGTACCAAGTGTGATGCCAAGTTCT
 CACAACCTTCAGCGCTTAAGACCCACCTGAGAGTTCATACAGGGGAAAGACCTTTTGTCTGTGATGAATG
 TGGTGCAAGATTCATCAGAACCACATGCTGATTTATCATAAAAGGTGCCACACAGGTGAAAGGCCCTTTT
 ATGTGTGAGACATGTGTAAGAGTTTGTCTTAAGGAGTACTTAAACATCATAATAGAATCCACACTG
 GATCTAAACCTTTAAATGTGAAGTGTGTTTGGGACCTTTGCCAGCGGAATTCCTTTTACCAGCATAT
 TAAAGTCCACACAGGAGAGCGGCCTTATTGTTGTGACCAGTGTGGGAAGCAGTTCACCCAGGTAATGCT
 CTCCAGCGCCATCATCGCATCCCACTGGTGAGAAGCCGTACATGTGAATGCGTGTGGACGGACTTTTA
 CTGACAAGTCTACTCTCCGGAGGCACACCTCGATACATGATAAGAATACGCCGTGGAAGTCTTTCCTTGT
 CATTGTAGATGGCTCACCAAGAATGATGAAGGCGAGAAGACAGAACACCTGATGAGGAATATGCATCA
 CCCAACTTTTCAAGATAGATTACTATCTTTTGGTGAAGATAGCCATTTTAACTTATTGGAAGTCCAAG
 GCAATGTGCCTGCTGTGCAGGAGAACAGTTCTACAGACTGCTTGCAAGCCGTGGTGTCTCAGGATGC
 TCTGCTTACCCTTCCATCAGTGCACCTGGTGAGCTGACTCCACAGACAGTCTCCATGCCTGCACACCTT
 CCCTCACTGACCAATATGGAG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107788

Insert Size:

2124 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:	<u>NM_001107788.1, NP_001101258.1</u>
RefSeq Size:	4276 bp
RefSeq ORF:	2124 bp
Locus ID:	311508
UniProt ID:	<u>D3ZUU2</u>
Cytogenetics:	3q41
Gene Summary:	Transcriptional repressor that binds the GZF1 responsive element (GRE) (consensus: 5'-TGCGCN[TG][CA]TATA-3'). May be regulating VSX2/HOX10 expression.[UniProtKB/Swiss-Prot Function]