

## Product datasheet for **RN204202**

### **Gfra1 (NM\_012959) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gfra1 (NM_012959) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gfra1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN204202 representing NM\_012959  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTCTAGCCACTCTGTACTTCGCGCTGCCACTCCTGGATTTGCTGATGTCCGCCGAGGTGAGTGGTG  
 GAGACCGTCTGGACTGTGTGAAAGCCAGCGATCAGTGCCTGAAGGAACAGAGCTGCAGCACCAAGTACCG  
 CACACTAAGGCAGTGCCTGGCGGCAAGGAAACCAACTTCAGCCTGACATCCGGCCTTGAGGCCAAGGAT  
 GAGTGCCTAGCGCCATGGAGGCCCTGAAGCAGAAGTCTCTGTACAACCTGCCGCTGCAAGCGGGGCATGA  
 AGAAAGAGAAGAATTGTCTGCGTATCTACTGGAGCATGTACCAGAGCCTGCAGGGAAATGACCTCCTGGA  
 AGATTCGCCGTATGAGCCGTTAACAGCAGGTTGTGAGATATATCCGGCAGTCCCGTTTATATCAGAT  
 GTTTTCCAGCAAGTGAACACATTTCCAAAGGGAACAACCTGCCTGGACGCAGCCAAGGCCTGCAACCTGG  
 ACGACACCTGTAAGAAGTACAGGTGGCCTACATCACCCCTGCACCACCAGCATGTCCAACGAGGTCTG  
 CAACCGCCGTAAAGTCCACAAGGCCCTCAGGCAGTTCTTCGACAAGGTTCCGGCCAAGCACAGCTACGGG  
 ATGCTCTTCTGCTCCTGCCGGGACATCGCTGCACCGAGCGGCGGACAGACTATCGTCCCGTGTGCT  
 CCTATGAAGAACGAGAGAGGCCCAACTGCCTGAGTCTGCAAGACTCCTGCAAGACCAATTACATCTGCAG  
 ATCTCGCCTTGCAGATTTTTTACCAACTGCCAGCCAGAGTCAAGGTCTGTGAGCAACTGTCTTAAGGAG  
 AACTACGCACTGCCTCCTGGCCTACTCGGGACTGATTGGCACAGTCACTGACTCCCAACTACGTAGACT  
 CCAGCAGCCTCAGCGTGGCACCATGGTGTGACTGCAGCAACAGCGGCAATGACCTGGAAGACTGCTTGA  
 ATTTCTGAATTTTTTAAAGACAATACTGTCTCAAAAATGCAATTCAAGCCTTTGGCAATGGCTCAGAT  
 GTGACCATGTGGCAGCCAGCCCCCAGTCCAGACCACCACTGCCACCCTGACTGCTTCCGGGTCA  
 AGAACAAGCCTCTGGGGCCAGCAGGGTCTGAGAATGAGATCCCCACACAGTTTTTACCACCTGTGCGAA  
 TTTGACAGCTCAGAAGCTGAAATCCAATGTGTCGGGTAGCACACACCTCTGTCTTTCTGATAGTATTTT  
 GGAAAGGATGGTCTCGCTGGTGCCTCCAGCCACATAACCACAAAATCAATGGCTGCTCCTCCAGCTGCA  
 GTCTGAGCTCACTGCCGGTGTGATGCTCACCGCCTGTGCTGCTTCTGTATCGTTGGCAGAAAAC  
 GTCGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_012959
- Insert Size:** 1407 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: [NM\\_012959.1](#), [NP\\_037091.1](#)  
RefSeq Size: 3616 bp  
RefSeq ORF: 1407 bp  
Locus ID: 25454  
UniProt ID: [Q62997](#)  
Cytogenetics: 1q55  
Gene Summary: binds glial cell line-derived neurotrophic factor (GDNF) and mediates Ret protein-tyrosine kinase receptor phosphorylation and activation [RGD, Feb 2006]