

Product datasheet for **RN206956**

Gfra2 (NM_012750) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gfra2 (NM_012750) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gfra2
Synonyms:	Retl2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206956 representing NM_012750
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCTTGGCAAACGCCTTCTGCCTCTTCTTTTAGACGAAACCTCCGCTCTTTGGCCAGCCCTT
 CCTCCCTGCAGGGCTCTGAGCTCCACGGCTGGCGCCCAAGTGGACTGTGTCCGGGCAATGAGCTGTG
 TCGGGTGAATCCAACCTGCAGCTCCAGGTACCGCACCTTCGGCAGTGCCTGGCAGGCGGGATCGCAAT
 ACCATGCTGGCCAATAAGGAGTGCCAGGACGCCCTGGAGGTCTTGCAGGAAAGCCCACTGTATGACTGCC
 GCTGCAAGCGGGCATGAAGAAGGAGCTGCAGTGTCTGCAGATCTACTGGAGCATCCATCTGGGGCTGAC
 AGAGGGTGAGGAGTTCTATGAAGCTTCCCCTATGAGCCTGTGACCTCGCGCTCTCGGACATCTCAGG
 CTCGTTCAATCTTCTCAGGGACAGGGACAGCCCGGGTCCAGTACCAAAAGCAACCACTGCCTGGATG
 CCGCAAGGCCTGCAACCTGAATGACAACCTGCAAGAAGCTTCGCTCCTTATATCTCCATCTGCAACCG
 TGAGATCTCTCCACCGAACGCTGCAACCGCCGCAAGTCCACAAGGCTCTGCGCCAGTTCTTTGACCGT
 TGCCCCAGCGAGTATACCTACCGCATGCTTCTGCTCCTGTGAGACCAGGCATGTGCTGAGCGTCGCC
 GGCAAACCATCCTGCCAGTTGCTCCTATGAGGACAAGGAGAAGCCCAACTGCCTGGACCTGCGCAGCCT
 GTGTCGTACAGACCACCTGTGCCGGTCCCGACTGGCAGATTTCCACGCCAACTGTGAGCCTCCTACCGG
 ACAATCACAGCTGTCTGCGGACAACCTACCAGGCATGTCTGGGCTCCTATGCTGGCATGATTGGGTTTG
 ATATGACACCCAATAATGTGGACTCCAACCCACGGGCATCGTGGTGTCTCCCTGGTGAATTGTCGTGG
 CAGTGGGAACATGGAAGAAGAGTGTGAGAAGTTCTCAGGGACTTCACGGAAAACCCATGCCTCCGGAAT
 GCCATTCAGGCCCTTTGGTAATGGCACAGATGTGAACATGTCTCCAAAGGCCCTCACTCCAGCTACCC
 AGGCCCTCGGGTGGAGAAGACTCCTTCACTGCCAGATGACCTCAGTGACAGCACCAGCTGGGGACCAG
 TGTCAACACCTGCACATCTATCCAGGAGCAAGGGCTGAAGGCCAAACAACCTCAAAGAGTTAAGCATG
 TGCTTACAGAGCTCACGACAAACATCAGTCCAGGGAGTAAAAAGGTGATCAAATTAACCTCAGGCTCCA
 GCAGAGCCAGACTGTCGGCTGCCTTGACTGCCCTCCCACTCCTGATGCTGACCTTGGCCTT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_012750

Insert Size: 1395 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_012750.1](#), [NP_036882.1](#)
RefSeq Size: 2787 bp
RefSeq ORF: 1395 bp
Locus ID: 25136
Cytogenetics: 15p11
Gene Summary: stimulates c-Ret tyrosine phosphorylation by mediating a crosslink with GDNF of c-Ret [RGD, Feb 2006]