

Product datasheet for **RN206384**

Ngfr (NM_012610) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ngfr (NM_012610) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ngfr
Synonyms:	LNGFR; p75; p75NTR; RNNGFRR; Tnfrsf16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206384 representing NM_012610
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGAGGGCAGGTGCTGCCTGCAGCGCCATGGACCGGCTGCGCCTGCTGCTGCTGATTCTAGGGA
 TGTCTCTGGAGGTGCCAAGGAGACATGTTCCACAGGCCTGTACACCCACAGCGGAGAGTGTGCAAAGC
 CTGCAACTTGGGCGAAGGCGTGGCCAGCCCTGCGGAGCCAACCAGACCGTGTGTGAACCTGCCTGGAC
 AGTGTACATTCTCCGATGTGGTGGAGCGCCACTGAGCCGTGCAAGCCGTGCACCGAGTGCCTGGGCTGC
 AGAGCATGTCCGCTCCCTGTGTGGAGGCAGACGATGCAGTGTGCAGATGTGCCTATGGCTACTACCAGGA
 CGAGGAGACTGGCCACTGTGAGGCTTGCAGCGTGTGCGAGGTGGGCTCGGGACTCGTGTCTCTGCCAG
 GACAAACAGAACACAGTGTGTGAAGAGTGCCAGAGGGCACATACTCAGACGAAGCCAACCAGTGGACC
 CGTGCCTACCCTGCACGGTGTGCGAGGACACTGAGCGCCAGTTACGCGAGTGCACGCCCTGGGCTGATGC
 TGATGCGAAGAGATCCCTGGTCGATGGATCCCAAGGTCTACGCCCCGGAGGGCTCCGACAGCACAGCG
 CCCAGCACCCAGGAGCCTGAGGTTCTCCAGAGCAAGACCTTGTACCCAGTACAGTGGCGGATATGGTGA
 CCACTGTGATGGGCGACTCCCAGCCTGTAGTGACCCGCGGCACCACCGACAACCTCATTCTGTCTATTG
 CTCCATCTTGGCTGCTGTGGTCTGTGGCCTTGTGGCCTATATTGCTTCAAGAGGTGGAACAGCTGCAAA
 CAAAATAAACAAGGCGCCAACAGCCGCCCGTGAACCAGACGCCCCACCAGGAGGAGAGAACTGCACA
 GCGACAGTGGCATCTCTGTGGACAGCCAGAGCCTGCACGACCAGCAGACCCATACGCAGACTGCCTCAGG
 CCAGGCCCTCAAGGGTGTGGCAACCTCTACAGTAGCCTGCCCTGACCAAGCGTGGAGGAGTAGAGAAA
 CTGCTCAACGGGGATACCTGGCGACATCTGGCAGGCGAGCTGGGTTACCAGCCTGAACATATAGACTCCT
 TTACCCACGAGGCTGCCAGTGGCAGCCCTGCTGGCCAGCTGGGTTGCCAGGACAGTGAACGCTTGA
 TGCCCTTTTAGCCGCCCTGCGACGCATCCAGAGAGCTGACATTGTGGAGAGTCTATGCAGCGAGTCCACT
 GCCACGTCCCGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1660_a02.zip

Restriction Sites: SgfI-MluI

ACCN: NM_012610

Insert Size: 1278 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_012610.2](#), [NP_036742.2](#)
RefSeq Size: 3266 bp
RefSeq ORF: 1278 bp
Locus ID: 24596
UniProt ID: [P07174](#)
Cytogenetics: 10q26
Gene Summary: receptor that can bind NGF, BDNF, NT-3, and NT-4 [RGD, Feb 2006]