

Product datasheet for RN211853

Ntf4 (NM_013184) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ntf4 (NM_013184) Rat Untagged Clone

Tag: Tag Free
Symbol: Ntf4

Synonyms: NT4P; Ntf5

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN211853 representing NM_013184

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGCTCCCTCGCCACTCCTGCTCTCTCCTCTTTTCCTTCTCCTCCCCAGCGTCCCCATGGAGCCCC
AACCCCCCTCCTCCACCCTGCCCCCTTTTCTGGCTCCTGAGTGGACCTCTTTTCTCCCCGAGTGGCCCT
GTCAAGGGGCACCCCTGCCGGGCCCCCTTCTCCTCTTCCTGCTGGAGGCCGGGGCCTATGGGGAGCCGGCA
GGGGCCCCAGCCAACCGCAGCCGGCGCGGGGTGAGTGAGAGCGGCACCGGCAAGCCGCCGGGGTGAGCTGG
CAGTGTGCGATGCAGTGAGTGGCTGGGTGACCGACCGGCGGACAGCTGTGGACTTGCGTGGGCGCAGGT
GGAGGTGCTGGGCGAGGTGCCTGCGGCAGGTGCCCTGCGTCAGTACTTCTTCGAGACGCCTGC
AAGGCCGAAAGCGCTGGGGAAGGTGGCCCAGGTGTGGGCGGAGGGGGCTGTCGCGGCGTGGATCGGAGGC
ACTGGCTCTCAGAATGCAAGGCTAAACAGTCCTATGTGCCGGCGTTGACTGCAGACTCTCAGGGCCGCTGA
GGGCTGGCGCTGGATTCGGATCGACACCCGCTTGCGTCTCCAGCCCGAACAGGCCGTGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul ACCN: NM 013184

Insert Size: 630 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at customercom or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>

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 013184.3, NP 037316.2</u>

 RefSeq Size:
 1338 bp

 RefSeq ORF:
 630 bp

 Locus ID:
 25730

 UniProt ID:
 P34131

Cytogenetics: 1q22

Gene Summary: promotes the survival of peripheral sensory and sympathetic neurons [RGD, Feb 2006]