

Product datasheet for SC122741

Neurotrophin 4 (NTF4) (NM_006179) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Neurotrophin 4 (NTF4) (NM_006179) Human Untagged Clone
Tag: Tag Free
Symbol: Neurotrophin 4
Synonyms: GLC10; GLC10; NT-4; NT-4/5; NT-5; NT4; NT5; NTF5
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006179 edited
 CCCAGGTGGTTGCCCCCTCCCTCCTGAGATGTCAGGAAGGAGGGGGCCACCTGTGTCC
 TCCACAGGGGCCCGAAGCCTGGGGACTCCCAGCCCCAGAGCTCCGAGGCGGAGGAGG
 TGCTGACAGGTGCTCCGAGAGATGCTCCCTCTCCCTCATGCTCCCTCCCATCCTCCTC
 CTTTTCTCCTCCCAAGTGTGCAATTGAGTCCCAACCCCAACCTCAACATTGCCCCCT
 TTTCTGGCCCTGAGTGGGACCTTCTCTCCCCGAGTAGTCTGTCTAGGGGTGCCCT
 GCTGGGCCCCCTCTGCTTCTCTGCTGGAGGCTGGGGCTTTCGGGAGTCAGCAGGTGCC
 CCGGCCAACCGCAGCCGGCGTGGGGTGAGCGAACTGCACCAGCGAGTCGTGGGGTGAG
 CTGGCTGTGTGCGATGCAGTCAGTGGCTGGGTGACAGACCGCCGACCGCTGTGGACTTG
 CGTGGGCGGAGGTGGAGGTGTTGGGCGAGGTGCCTGCAGCTGGCGGCAGTCCCTCCGC
 CAGTACTTCTTTGAAACCGCTGCAAGGCTGATAACGCTGAGGAAGGTGGCCCGGGGCA
 GGTGGAGGGGGCTGCCGGGAGTGGACAGGAGGCACTGGGTATCTGAGTCAAGGCCAAG
 CAGTCCTATGTGCGGGCATTGACCGCTGATGCCAGGGCCGTGTGGGCTGGCGATGGATT
 CGAATTGACACTGCCTGCGTCTGCACACTCCTCAGCCGGACTGGCCGGGCTGAGACCCA
 TGCCCAGGAAAATAACAGAGCTGGATGCTGAGAGACCTCAGGGATGGCCAGCTGATCTA
 AGGACCCAGTTTGGAACTCATCAAATAATCACAAAATCACAATTCTCTGATTTTGAGC
 TCAATCTCTGCAGGATGGGTGAAACCACATGGGGTTTTGGAGGTTGAATAGGAGTTCTCC
 TGGAGCAACTTGGGGTAATAATGATGATGATATAATAAAAAAAAAAAAAAAAAAAAAAA
 A



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006179 unedited NNAAGGTTTCGATTTTGTAAACGACTTCACTATAGGGCGGGCCGCGCAATTCGCGGGT ATCGTCGACCTTTCGTCGCGCCGCGGGAGCCGAAGAGGGCGCCCATGTGGTTGCCCCCT CCCTCTCTGAGATGTCAGGAAGGAGGGGGCCACCTGTGTCTCCACAGGGGCCCCCGA AGCCTGGGACTCCCAGCCCCAGAGCTCCGAGGCGGAGGAGGTGCTGACAGGTGCTCCGA GAGATGCTCCCTCTCCCCTCATGCTCTCTCCCCATCCTCCTCTTTTCTCCTCCCCAGT GTGCCAATTGAGTCCCAACCCCCACCCTCAACATTGCCCTTTTCTGGCCCTGAGTGG GACCTTCTCTCCCCCGAGTAGTCTGTCTAGGGGTGCCCTGCTGGGCCCTCTGCTC TTCCTGTGAGGCTGGGGCCTTTCGGGAGTCAGCAGGTGCCCGGCCAACCGCAGCCGG CGTGGGGTGGCGAAACTGCACCAGCGAGTCGTCGGGGTGGAGTGGCTGTGTGCGATGCA GTCAGTGGCTGGGTGACAGACCGCCGACCGCTGTGGACTTGCCTGGGCGCGAGGTGGAG GTGTTGGGCGAGGTGCCTGCAGCTGGCGGCAGTCCCCTCCGCCAGTACTTCTTTGAAACC CGCTGCAAGGCTGATAACGCTGAGGAAGGTGGCCCGGGGCANGTGGAGGGGGCTGCCGG GGAGTGGACAGGANGACTGNGTATCTGAGTGCAGGCCAAGCAGTCTATGTGCGGGCAT TGACCGCTGATGCCANGCCGTGTGGGCTGGCGATGGATTNAATTGACACTGCCTGCGTC TGCACACTCCTCANCCGACTGGCCGGGCTGAGACCCATGCCCCAGGATAATACAGAGC TGGC
Restriction Sites:	Please inquire
ACCN:	NM_006179
Insert Size:	1044 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:	<ol style="list-style-type: none"> 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_006179.3 , NP_006170.1
RefSeq Size:	1021 bp
RefSeq ORF:	633 bp
Locus ID:	4909
UniProt ID:	P34130
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	MAPK signaling pathway, Neurotrophin signaling pathway

Gene Summary:

This gene is a member of a family of neurotrophic factors, neurotrophins, that control survival and differentiation of mammalian neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. While knock-outs of other neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF5-deficient mice only show minor cellular deficits and develop normally to adulthood. [provided by RefSeq, Jul 2008]