

Product datasheet for **RG212316**

NPTX1 (NM_002522) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPTX1 (NM_002522) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NPTX1
Synonyms:	NP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG212316 representing NM_002522 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGCCGGCCGCGCCGCGCACCTGTGCGCTGCTCGCCCTCTGCCTCTGGGCGCCGGGGCCAGG
ATTTCCGGCCGACGCGTTCATCTGCACCTCGGTGCCGTGGACGCCGACATGTGCGCCGCTCCGTGGC
CGCCGGCCGGCCGAGGAGCTCCGGAGCAGCGTGTGACGCTCCGCGAGACGGTGTGACGAGAAGGAG
ACCATCTGAGCCAGAAGGAGACCATCCCGAGCTGACCGCAAGCTGGGCGCTGCGAGAGCCAGAGCA
CGCTGGACCCCGAGCCGCGAGGCCCGGGCGGGCGCCGCAAGCAGCCGGCTCGGGCAAGAACAC
CATGGGCGACCTGTCCCGGACACCGGCCCGAGACGCTCAGCCAACTCGGGCAAATTTGCAATCGCTC
AAAACCCGCTGGAGAACCTCGAGCAGTACAGCCGCTCAATTCCTCAGCCAGACCAACAGCCTCAAGG
ATCTGCTGCAGAGCAAGATCGATGAGCTGGAGAGGCGAGTGTGTCCCGGTGAACACCCTGGAGGAGGG
CAAGGGGGGCCCCAGGAACGACACCGAGGAGAGGGTCAAGATCGAGACCGCCCTGACCTCCCTGCACCAG
CGGATCAGCGAGCTCGAGAAAGTCAAGAAAGACAACCGCCCTGGAGACAAGTCCAGTCCATTTCCAC
TGCGGACCAACTATATGTATGCCAAGGTGAAGAAGAGCCTGCCAGAGATGTACGCCTTACTGTCTGCAT
GTGGCTCAAGTCCAGCGCCACGCCAGGTGTGGCAGCCCTTCTCTACGCTGTGCCGGCCAGGCCAAC
GAGCTGGTCTCATTGAGTGGGCAACAACCCATGGAGATCCTCATCAATGACAAGGTGGCCAAGCTGC
CTTTTGTCAATGATGGCAAGTGGCACCACATCTGTGTACCTGGACCACCCGGGACGGGTCTGGGA
GGCCTACCAGGATGGCACGCAGGTGGCAGTGGCGAGAATTGGCGCCCTATCACCCCATCAAGCCCCAG
GGCGTGTGTTGCTGGGCCAGGAGCAGGACACTCTGGGTGGTGGGTTTGATGCCACCCAGGCATTTGTGG
GTGAGCTGGCCACTTCAACATCTGGGACCGCAAGCTGACCCCGGGGAGGTGTACAACCTGGCCACCTG
CAGACCAAGGCTCTGTCCGGCAATGTATCGCTGGGCTGAATCCACATCGAGATCTACGGCGGGGCC
ACCAAGTGGACCTTCGAGGCCTGCGCCAGATCAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_002522.4](#)

RefSeq Size: 5441 bp

RefSeq ORF: 1299 bp

Locus ID: 4884

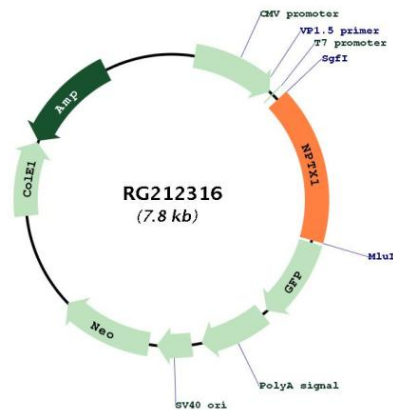
UniProt ID: [Q15818](#)

Cytogenetics: 17q25.3

Protein Families: Secreted Protein

Gene Summary: NPTX1 is a member of the neuronal pentraxin gene family. Neuronal pentraxin 1 is similar to the rat NP1 gene which encodes a binding protein for the snake venom toxin taipoxin. Human NPTX1 mRNA is exclusively localized to the nervous system. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG212316