

Product datasheet for **RC224629**

NBPF11 (NM_001101663) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NBPF11 (NM_001101663) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NBPF11
Synonyms:	NBPF24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC224629 representing NM_001101663
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTTCTAACTCAACTGGCCGGCTTCTGGCCAACCGACACAAGAAATACAGCAATATAAAGTCCTGG
 TTCACTCTCAGGAACGAGAGCTGACCCAGTTAAGGGAGAAGTTACGGGAAGGGAGAGATGCCTCCCGCTC
 ATTGAATGAGCATCTCCAGGCCCTCCTCACTCCGGATGAGCCGGACAAGTCCCAGGGGCAGGACCTCCAA
 GAACAGCTGGCTGAGGGGTGTAGACTGGCACAGCACCTTGTCCAAAAGCTCAGCCAGAAAATGACGAAG
 ATGAGGATGAAGATGTTCAAGTTGAGGAGGATGAGAAAGTACTGGAATCATCTGCCCCAGGGAGGTGCA
 GAAGGCTGAAGAGAGCAAAGTCCCTGAGGACTCACTGGAGGAATGTGCCATCACTTGTTCAAATAGCCAC
 GGCCCTTGACTCCATCCAGCCTCACAAGAACATCAAAATCACATTTGAGGAAGACAAAGTCAACTCAT
 CTCTGGTTGTAGACAGAGAATCCTCTCATGATGGATGTCAGGATGCTCTAACATTTCTCCAGTCCCTGG
 CCCCACCTCTTCTGCCACAAACGTGAGCATGGTGGTATCAGCCGGCCCTTTGTCCAGCGAGAAGGCAGAG
 ATGAACATTCTAGAAATCAATGAGAAATTTGTGCCCCAGCTGGCAGAGAAGAAACAGCAGTTCAGAAGCC
 TCAAAGAGAAATGTTTTGTAACCAAGTGGCCTGCTTCTGGCCAAGCAGCAGAACAAAATACAAATATGA
 AGAGTGCAAAGACCTCATAAAATCTATGCTGAGGAATGAGCGACAGTTCAAGGAGGAGAAGCTTGCAGAG
 CAGCTGAAGCAAGCTGAGGAGCTCAGGCAATATAAAGTCTGGTTCACCTCAGGAACGAGAGCTGACCC
 AGTTAAGGGAGAAGTTACGGGAAGGGAGAGATGCCTCCCGCTCATTGAATGAGCATCTCCAGGCCCTCT
 CACTCCGGATGAGCCGGACAAGTCCCAGGGGCAGGACCTCCAAGAACAGCTGGCTGAGGGGTGTAGACTG
 GCACAGCACCTTGTCCAAAAGCTCAGCCAGAAAATGATAACGATGACGATGAAGATGTTCAAGTTGAGG
 TGGCTGAGAAAGTGAGAAATCGTCTTCCCCAGGGAGATGCAGAAGGCTGAAGAAAAGGAAGTCCCTGA
 GGACTCACTGGAGGAGTGTGCCATCACTTGTTCAAATAGCCATGGCCCTTATGACTCCAACCAGCCACAT
 AGAAAAACCAAAATCACATTTGAGGAAGACAAAGTCGACTCAACTCTCATTGGCTCATCCTCTCATGTTG
 AATGGGAGGATGCTGTACACATTATCCCAGAAAATGAAAGTGATGATGAGGAAGAGGAAGAAAAGGGCC
 AGTGTCTCCAGGAATCTGCAGGAGTCTGAAGAGGAGGAAGTCCCCAGGAGTCTGGGATGAAGGTTAT
 TCGACTCTCTCAATTCCTCCTGAAAGGTTGGCCTCGTACCAGTCTTACAGCAGCACATTTCACTCATTAG
 AGGAACAGCAAGTCTGCATGGCTGTTGACATAGGCAGACATCGGTGGGATCAAGTAAAAAGGAGGACCA
 AGAGGCAACAGGTCAGGCTCAGCAGGGAGCTGCTGGATGAGAAAGAGCCTGAAGTCTTGCAGGACTCA
 CTGGATAGATGTTATTCAACTCCTTCAGTTTATCTTGGACTGACTGACTCATGCCAGCCCTACAGAAGTG
 CCTTTTACGTATTGGAGCAACAGCGTATTGGCTTGGCTGTTGACATGGATGAAATGAAAAGTACCAAGA
 AGTGAAGAAGACCAAGACCCATCATGCCCCAGGCTCAGCAGGGAGCTGCTGGCTGAGAAAAGAGCCTGAA
 GTCTTGCAGGACTCACTGGATAGATGTTATTGACTCCTTCAGGTTATCTTGAAGTGCCTGACTTAGGCC
 AGCCCTACAGAAGTGCTGTTTACTCATTGGAGGAACAGTACCTTGGCTTGGCTCTTGACGTGGACAGAAT
 TAAAAAGGACCAAGAAGAGGAAGAAGACCAAGGCCACCGTGCCCCAGGCTCAGCAGGGAGCTGCTGGAG
 GTAGTAGAGCCTGAAGTCTTGCAGGACTCACTGGATGTTATTCAACTCCTCCAGTTGTCTTGAACAGCC
 TGACTCCTGCCAGCCCTACGGAAGTTCCTTTTATGCATTGGAGGAAAAACATGTTGGCTTTTCTCTTGAC
 GTGGGAGAAAATTGAAAAGAAGGGGAAGGGGAAGAAAAGAAGGGGAAGAAGATCAAAGAAGAAAAGAAGAA
 GGGGAAGAAAAGAAGGGGAAGAAGATCAAACCCACCATGCCCCAGGCTCAGCAGCGTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224629 representing NM_001101663
Red=Cloning site Green=Tags(s)

MFSNSTGRLPGQPTQEIQQYKVLVHSQERELTQLREKLREGRDASRSLNEHLQALLTPDEPDKSQGQDLQ
EQLAEGCRLAQHLVQKLSPENDEDEDEDVQVEEDEVLESSAPREVQKAEESKVPEDSLEECAITCSNSH
GPCDSIQPHKNIKITFEEDKVNSSLVVDRESSHDGCQDALNILPVPGPTSSATNVSMVVSAGPLSSEKAE
MNILEINEKLCPLAEKKQQFRSLKEKCFVTQVACFLAKQQNKYKYECKDLIKSMLRNERQFKEEKLAE
QLKQAEELRQYKVLVHSQERELTQLREKLREGRDASRSLNEHLQALLTPDEPDKSQGQDLQEQLAEGCRL
AQHLVQKLSPENDNDDDEDVQVEVAEKVQKSSSPREMQAEEKEVPEDSLEECAITCSNSHGPYDSNQP
RKTITFEEDKVDSTLIGSSSHVEWEDAVHIIPENESDDEEEEEKGPVSPRNLQSEEEVQSWDEGY
STLSIPPERLASYSSTFHSLEEQQVCMVDIGRHRWDQVKKEDQEATGPRLSRELLDEKEPEVLQDS
LDRCYSTPSVYLGLTDCQPYSYAFYVLEQQRIGLAVDMDEIEKYQEVEEDQDPPCPRLSRELLAEKEPE
VLQDSLDRCYSTPSGYLELPLDLPYSAVYSLEEQYLGLALDVEDRIKKDQEEEDQGPVCPRLSRELL
VVEPEVLQDSLVIQLLPVVLNSLTPASPTVPMHWRKNMLAFLLTWEKLRGRGRKEGEEDQRRKEE
GEEKKGGKIKTHHAPGSAAC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8045_c12.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001101663

ORF Size: 2370 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001101663.1](#), [NP_001095133.1](#)

RefSeq Size: 3409 bp

RefSeq ORF: 2598 bp

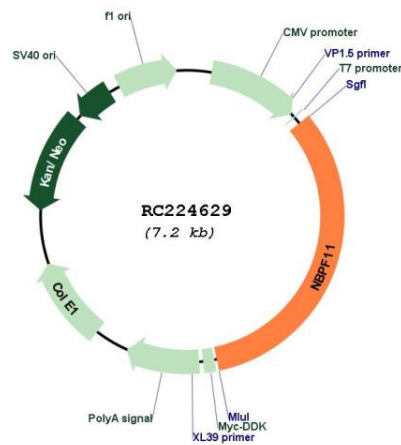
Locus ID: 200030

UniProt ID: [Q86T75](#)

Cytogenetics: 1q21.2

MW: 90 kDa

Product images:



Circular map for RC224629