

Product datasheet for **RG224629**

NBPF11 (NM_001101663) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NBPF11 (NM_001101663) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NBPF11
Synonyms:	NBPF24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG224629 representing NM_001101663
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG224629 representing NM_001101663
 Red=Cloning site Green=Tags(s)

MFSNSTGRLPGQPTQEIQQYKVLVHSQERELTQLREKLREGRDASRSLNEHLQALLTPDEPDKSQGQDLQ
 EQLAEGCRLAQHLVQKLSPENDEDEDEDVQVEEDEKVLSSAPREVQKAEESKVPEDSLEECAITCSNSH
 GPCDSIQPHKNIKITFEEDKVNSSLVDRESSHDGCQDALNILPVPGPSSATNVSMVVSAGPLSSEKAE
 MNILEINEKLCPLAEKKQQFRSLKEKCFVTQVACFLAKQQNKYKYECKDLIKSMLRNERQFKEEKLAE
 QLKQAEELRQYKVLVHSQERELTQLREKLREGRDASRSLNEHLQALLTPDEPDKSQGQDLQAEGRCL
 AQHLVQKLSPENDNDDDEDVQVEVAEKVQKSSSPREMQAEEKEVPEDSLEECAITCSNSHGPYDSNQP
 RKTKITFEEDKVDSTLIGSSSHVEDAVHIIPENESDDEEEEEKGVPSPRNLQSEEEVVPQESWDEGY
 STLSIPPERLASYSSTFHSLEEQQVCMVDIGRHRWDQVKKEDQEATGPRLSRELLDEKEPEVLQDS
 LDRCYSTPSVYGLTDCQPYRSFYVLEQQRIGLAVDMDEIEKYQEVEEDQDPSPRLSRELLAEKEPE
 VLQDSLDRCYSTPSGYLELPLDGPYRSVYVLEEQYLGLALDVDRIKKDQEEEDQGPSPRLSRELL
 VVEPEVLQDSLVIQLLPVVLNSLTPASPTVEVPMHWRKNMLAFLLTWEKLRGRGRKEGEEDQRRKEE
 GEEKKGGKIKTHHAPGSAAC

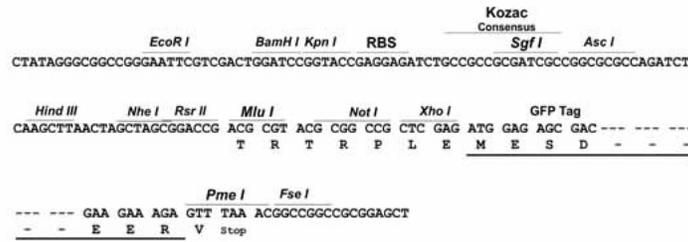
TRTRPLE - GFP Tag - V

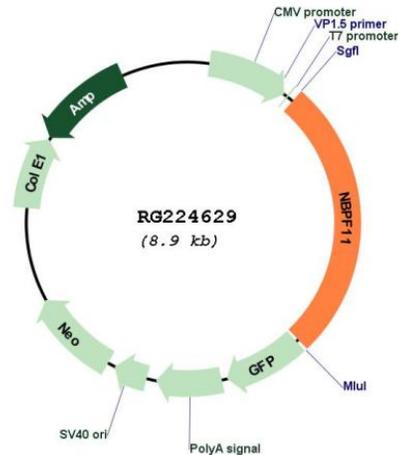
Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:


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