

Product datasheet for **MG215722**

Nap1l2 (NM_008671) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Nap1l2
Synonyms:	Bpx
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >MG215722 representing NM_008671
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGAATCAGTCGACCATAAAGAAGTGTCTGAATCCAACCAAGAAGAGCTTGGCAGCCAGGTAATGG
 CGGAGGGGCCCGGGGAAAGTCAGGACCGCAGTGAAGGTGTCTCCATTGAGCCTGGAGATGGCGGGCAACA
 TGGTGAAGAAACCGTGGCTGCTGGAGTAGGGGAAGAGGGAAAAGGTGAAGAAGCTGCTGCAGGGTCTGGG
 GAAGATGCTGGGAAGTGCAGGACTGATGAGGACTCAGACTCAGACCGTCCAAAAGGACTTATCGGTT
 ATCTTTTAGATACCGATTTTCGTTGAAAGTCTCCAGTAAAAGTTAAGTCCCGAGTGTAGCTCTTAAAAA
 GCTTCAAACAAGAGCTGCCATTTTGAATCCAAATTCCTGAGGGAATTTTATGACATTGAAAGGAAGTTT
 GCTGAAATGTACCAACCTTACTAGAAAAAGACGACAGATCATCAATGCACTATGAGCCACAGAAG
 AGGAATGTGAGTATAAATCGGACTGTGAGGACTATTTGAGGAGGAGATGGATGAGGAGGAAGAGACTAA
 CGGCAACGAAGACGGTATGGTGCATGAATACGTGGATGAAGATGATGGTTATGAGGACTGTTATTATGAT
 TATGATGACGAGGAAGAAGAGGAGGAGGAAGATGACAGCGCTGGGGCCACCGGAGGAGAAGAGGTTAACG
 AAGAGGATCCTAAGGGGATTCGGATTTTTGGTTGACTGTTTTAAAAATGTTGAAGCACTCACTCCTAT
 GATTAAGAAATATGATGAGCCTATTCTGAAGCTGCTGACAGATATTAAGTGAAGCTTTCGGATCCCGGG
 GAGCCTCTCAGCTTCACACTCGAATTTCACTTCAAGCCCAATGAATATTTAAAAATGAGCTGTTGACAA
 AGACTTATGTGCTGAAGTCAAAGCTTGCATGCTACGATCCCCACCTTATAGGGGAAGTCCATTGAGTA
 CGCCACTGGCTGCGACATAGATTGGAACGAAGGGAAGAATGTCACTTTGAGAACCATCAAGAAGAAGCAG
 AGACATCGCGTCTGGGAACTGTCCGAAGTGTGACTGAAGATTTTCCAAGGACTCTTTCTTCAATTTCT
 TCTCTCCTCATGGATCAGCTTAAATGGAGGGGATGAAAATGATGATTTTTTACTTGGTCATAATCTGCG
 TACTTACATAATTCCAAGATCAGTGTATTTTTCTCAGGAGATGCACCTGAATCTCAGCAGGAGGGTGT
 GTTAGGGAAGTAAATGACGAAATATATGACAAAATTTTTATGATGATTGGATGGCTGCAATTGAAGAGG
 TTAAGCCTGTTGCAAAAATCTTGAAGCATTAGTAGAAGATATTGATCGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG215722 representing NM_008671
 Red=Cloning site Green=Tags(s)

MAESVDHKELSESNOEELGSQVMAEGPGESQDRSEGVSIIEPGDGGQHGEEVAAGVGEEGKGEEAAAGSG
 EDAGKCGGTDESDSDRPKGLIGYLLDTEFVESLPVKVKCRVLALKKLQTRAAHLESKFLREFHDIERKF
 AEMYQPLLEKRRQIINAVVYEPTEEECEYKSDCEDYFEEEMDEEEE TNGNEDGMVHEVYDEDDGYEDCYDD
 YDDEEEEEEDDSAGATGGEEVNEEDPKGIPDFWLTVLKNVEALTPMIKKYDEPILKLLTDIKVKLSDPG
 EPLSFTLEFHFKNPNEYFKNELLTKTYVLKSKLACYDPHPYRGTAEIYATGCDIDWNEGKNVTLRTIKKKQ
 RHRVWGTVRTVTEDFPKDSFFNFFSPHGISLNGGDENDDFLLGHNLRTYIIPRSVLFSSGDALESQQEGV
 VREVNDEIYDKIIYDDWMAAIEEVKACCKNLEALVEDIDR

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_008671

ORF Size: 1380 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:

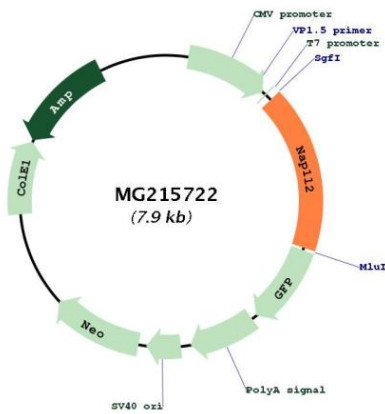
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_008671.3](#)

RefSeq Size:	2606 bp
RefSeq ORF:	1383 bp
Locus ID:	17954
UniProt ID:	P51860
Cytogenetics:	X 45.97 cM
Gene Summary:	Acidic protein which may be involved in interactions with other proteins or DNA. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG215722