

Product datasheet for **RR215204**

Bnip3l (NM_080888) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Bnip3l (NM_080888) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Bnip3l
 Synonyms: Nix; UV93
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RR215204 representing NM_080888
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTCACTTAGTCGAGCCGCCGCCCTGCACAACAACAACAACACTGCGAGGAAGGGGAGCAGT
 CCCTGCCGCCGCCGCTGGCCTCAACAGTTCCTGGGTGGAGCTACCCATGAACAGCAGCAATGGCAACGG
 TAATGGAAATGGGAAGAATGGGGCCTGGAGCACGTTCTTCTCGTCTCCATCCACAATGGAGACATG
 GAGAAGATCCTTCTGGATGCGCAGCATGAGTCGGGACAGAGCAGCTCAAGAGGCAGTTCTACTGTGACA
 GCCCTTACCACAAGAAGACGGCAAATAATGTTTGATGTTGAGATGCACACCAGCAGGGACCACAGCTC
 TCAGTCAGAAGAAGAAGTTGTAGATGGAGAAAAAGAAGTTGAGGCTTTGAAGAAAAGTGCAGACTGGGTA
 TCAGACTGGTCCAGTAGACCCGAAAACATCCCACCCAAAGAGTTCATTTTCAGACACCCTAAGCGTGCAG
 CCTCTAAGCATGAGGAAGAGTGGAGCCATGAAGAAAGGGGCATTTTCTCTGCAGAGTTCCTGAAGGT
 CTTTCATCCATCTCTCTCTCTCACGTGTTGGCTTTGGGGCTGGGCATCTATATCGGAAAACGACTG
 AGCACACCTTCTGCCAGCACCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR215204 representing NM_080888
Red=Cloning site Green=Tags(s)

MSHLVEPPPPLHNNNNNCEEQEQLPPPAGLNSSWVELPMNSSNGNGNGKNGGLEHVPSSSSSIHNGDM
 EKILLDAQHESGQSSSRGSSSHCDSPSPQEDGQIMFDVEMHTSRDHSSQSEEEVVDGEKEVEALKKSADWV
 SDWSSRPENIPPKEFHRHPKRAASLSMRKSGAMKGGIFSAEFLKVFIPSLFLSHVLALGLGIYIGKRL
 STPSASTY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_080888

ORF Size: 654 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_080888.1](#), [NP_543164.1](#)

RefSeq Size: 3219 bp

RefSeq ORF: 657 bp

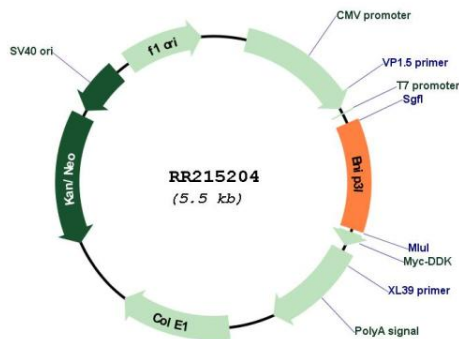
Locus ID: 140923

Cytogenetics: 15p12

MW: 23.7 kDa

Gene Summary: may be involved in oligodendroglial lineage cell differentiation; may be involved in apoptosis [RGD, Feb 2006]

Product images:



Circular map for RR215204