

Product datasheet for MR200595

Nrip2 (BC094230) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nrip2 (BC094230) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Nrip2
Synonyms: AW491344; NIX1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200595 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCACCGGGCAAGAGGCCAGGAGAGATGAGGGAGACTCCAGGAAAGAACAGGAAGCTTCGTTCCGGG
 ACCGAGCCACCTGAGCCAGCAGCGCAACTCAAACAGGCCACCCAGTTCTTGACAAAGGACTCGGCTGA
 CCTGCTGCCCTGGACAGCCTCAAGAGACTCGGCACCTCTAAGGACCTGCAGCCACACAGTGTGATCCAA
 AGACGCCTGGTGGAGGAAACCAGAGGGCGCTTCAGGGGAGTCTCCCTGCTGCAGGCCCTGATCCGTG
 GCCATGACAGCAGCAGGACCAGTGCACACAGGTTCCAGCTCTGCTAGTCAACTGCAAGGTAAGAAGACT
 CCCAGTGCACTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200595 protein sequence
 Red=Cloning site Green=Tags(s)
 MSTGQEARRDEGDSRKEQEASLRDRAHLSQQRQLKQATQFLHKDSADLLPLDSLKRLGTSKDLQPHSVIQ
 RRLVEGNQRRLQGESPILLQALIRGHSSRTSATQVPALLVNCKVRRLLPVHF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: BC094230

ORF Size: 363 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: [BC094230](#), [AAH94230](#)

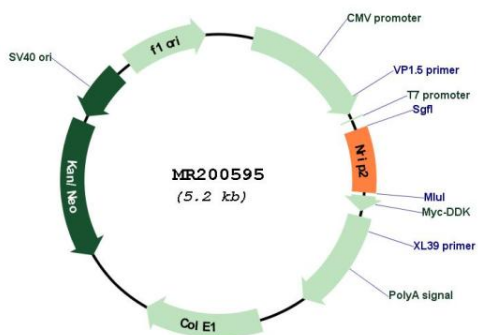
RefSeq Size: 3308 bp

RefSeq ORF: 365 bp

Locus ID: 60345

Cytogenetics: 6 F3
MW: 13.7 kDa
Gene Summary: Down-regulates transcriptional activation by nuclear receptors, such as NR1F2. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200595