

Product datasheet for **RG206240**

NRIP2 (NM_031474) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NRIP2 (NM_031474) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NRIP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206240 representing NM_031474 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTATTTATTTTCTCTTTCCCTCCCGTGGAGACCCTCTGTTGAAAGAGAGCTGCAGCACGGGAC
AGAGACAGGCAGGAAGAAGCAGAGAGGACTCGGTGACGCCCCACCGAGCAGCCCTGGCCCACTCTCC
AGCAGGGGCCATGAGACCAAGCAGGAGGCCAGGAGAGATGAGGGAGAAGCCAGGACGAGGGGCAGGAG
GCACAGCTTCGAGACCGAGCCACCTGAGCCAGCAGCGCCGGCTCAAACAGGCCACCCAGTTCCTGCACA
AGGACTCGGCCGACCTGCTCCCGCTGGACAGCCTCAAGAGGCTCGGCACCTCCAAGGACTTGCAGCCGCG
CAGTGTGATCCAAAGACGCTGGTGGAGGAAACCCGAATTGGCTTCAGGGGAGCCTCCCGGATGCAG
GACCTGATTCATGGCCAGGAGAGCAGGAGGAAGACCAGCAGGACAGAGATCCAGCTCTTCTGGTCAACT
GCAAGTGCCAGGACCAGCTGCTTAGAGTGGCCGTTGACACAGGCACCCAATACAATCGGATCTCTGCTGG
ATGTCTCAGCCGCTGGGGTTAGAGAAAAGGTCCTAAAGCCTCAGCTGGGGACCTGGCCCTGGGCC
CCAACCCAGGTGGAGCAGTTGGAGCTACAGCTGGGGCAGGAGACTGTGGTGTGCTCGGCACAGGTGGTGG
ATGCTGAGAGTCTGAATTCTGCCTGGGCTGCAGACTCTGCTTCTCAAGTGTGCTGCATCGACCTGGA
GCACGGAGTGTGCGGCTGAAAGCCCCGTCTCAGAGCTACCCTTCTGCCTTTGTACCAAGAGCCTGGC
CAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG206240 representing NM_031474
 Red=Cloning site Green=Tags(s)

MLFIFPLSLPWRPSCWKESCSTGQRQAGRSREDSVTPPPSSPWPTTPAGAMSTKQEARRDEGEARTRGQE
 AQLRDRAHLSQQRRLKQATQFLHKDSADLLPLDSLKRLGTSKDLQPRSVIQRRLVEGNPNWLQGEPPRMQ
 DLIHGQESRRKTSRTEIPALLVNCKCQDQLLRVAVDTGTQYNRISAGCLSRGLEKRVLKASAGDLAPGP
 PTQVEQLLEQLGQETVVCSAQVVDAESPEFCLGLQTLLSLKCCIDLEHGVLRLKAPFSELPFLPLYQEPG
 Q

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI



ACCN: NM_031474

ORF Size: 843 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_031474.1](#), [NP_113662.1](#)

RefSeq Size: 2754 bp

RefSeq ORF: 846 bp

Locus ID: 83714

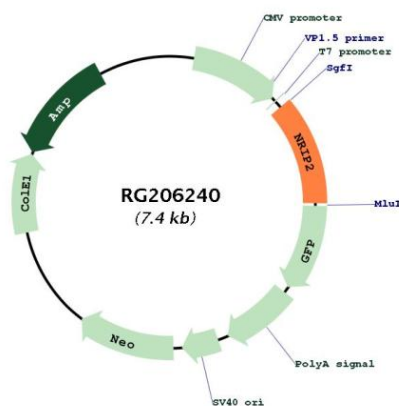
UniProt ID: [Q9BQI9](#)

Cytogenetics: 12p13.33

Protein Families: Druggable Genome

Gene Summary: Down-regulates transcriptional activation by nuclear receptors such as NR1F2.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG206240