OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC202937

NRIP3 (NM_020645) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NRIP3 (NM_020645) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NRIP3
Synonyms:	C11orf14; NY-SAR-105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC202937 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTTACTCAGGGCTCCTCACTGAGGGCGGCCGCAAGGAGACCGACATGCGGGAGGCGGCGTCACTGC
GACAGCAGCGCCGGATGAAGCAGGCGGTGCAGTTCATCCACAAGGACTCCGCCGACCTGCTGCCCCTGGA
CGGCCTCAAGAAGCTGGGCTCGTCCAAGGACATGCAACCTCATAATATTCTGCAGAGGCGCCTCATGGAA
ACCAACCTGTCTAAGCTCCGAAGCGGTCCCCGTGTCCCTTGGGCCTCTAAGACGAACAAACTCAATCAGG
CTAAGTCTGAGGGGCTAAAGAAGTCTGAGGAGGATGACATGATTTTGGTTTCTTGCCAGTGTGCTGGAAA
GGATGTGAAAGCCTTGGTTGACACAGGCTGCCTATATAATCTCATCTCTTTGGCCTGTGTGGACAGATTG
GGACTCAAGGAGCATGTCAAATCCCACAAGCATGAAGGAGAAAAGCTTTCTCTACCCCGGCATCTCAAAG
TAGTGGGCCAGATTGAGCACCTAGTGATCACACTGGGCTCCCTCCGCCTGGACTGCCCAGCAGCTGTGGT
TGATGACAATGAGAAAAACTTGTCCCTTGGTCTACAGACTCTCCGATCTCTGAAGTGCATCATAAACTTG
GATAAGCACCGGCTGATCATGGGGAAGACAGACAAGGAAGAAATCCCTTTTGTGGAGACAGTCTCTTTGA
ATGAAGACAACACTTCAGAAGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

View online »

Protein Sequence:

>RC202937 protein sequence
Red=Cloning site Green=Tags(s)

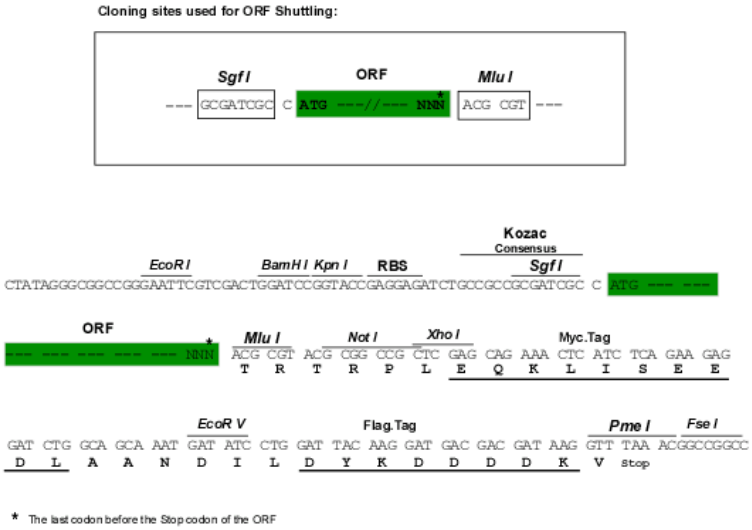
MFYSGLLTEGGRKETDMREAASLRQQRRMKQAVQFIHKDSADLLPLDGLKKLGSSKDMQPHNILQRRLME
TNLSKLRSGPRVPWASKTNKLNQAKSEGLKKSEEDDMILVSCQCAGKDVKALVDTGCLYNLISLACVDRL
GLKEHVKSHKHEGEKLSLPRHLKVVGQIEHLVITLGSLRLDCPAAVVDDNEKNLSLGLQTLRSLKCIINL
DKHRLIMGKTDKEEIPFVETVSLNEDNTSEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6411_g01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_020645

ORF Size: 723 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).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

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_020645.3

RefSeq Size: 3809 bp

RefSeq ORF: 726 bp

Locus ID: 56675

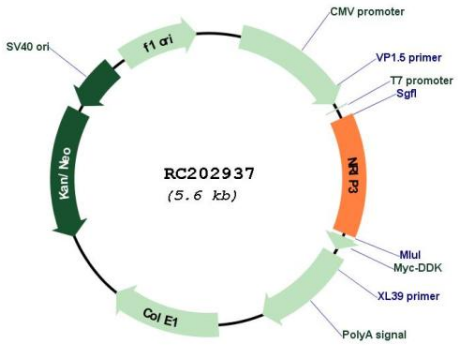
UniProt ID: Q9NQ35

Cytogenetics: 11p15.4

Protein Families: Druggable Genome

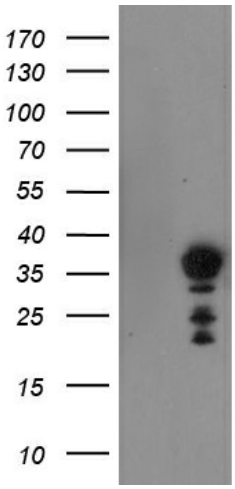
MW: 27 kDa

Product images:

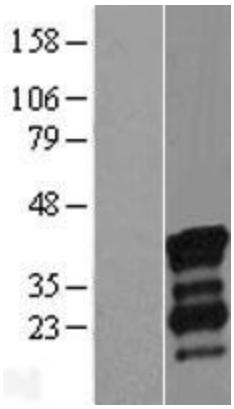


Circular map for RC202937

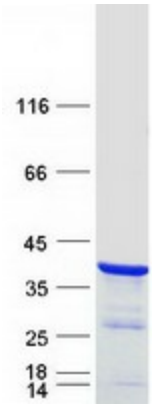
This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NRIP3 (Cat# RC202937, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NRIP3(Cat# [TA504936]). Positive lysates [LY412407] (100ug) and [LC412407] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY412407]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202937 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified NRIP3 protein (Cat# [TP302937]). The protein was produced from HEK293T cells transfected with NRIP3 cDNA clone (Cat# RC202937) using MegaTran 2.0 (Cat# [TT210002]).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US