

Product datasheet for **RG202101**

RIP140 (NRIP1) (NM_003489) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RIP140 (NRIP1) (NM_003489) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RIP140
Synonyms:	CAKUT3; RIP140
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG202101 representing NM_003489 Red=Cloning site Blue=ORF Green=Tags(s)

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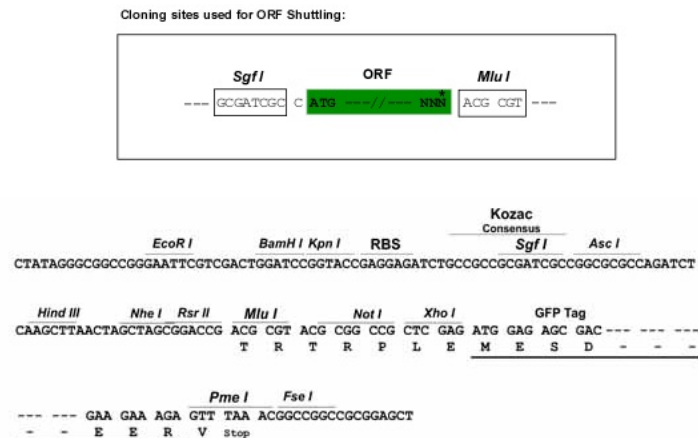
Protein Sequence: >RG202101 representing NM_003489
 Red=Cloning site Green=Tags(s)

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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

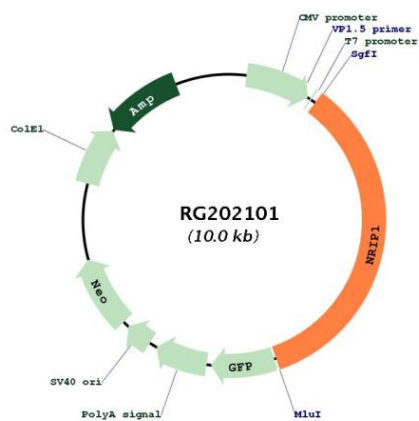


ACCN: NM_003489

ORF Size: 3474 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_003489.2 , NP_003480.2
RefSeq Size:	7292 bp
RefSeq ORF:	3477 bp
Locus ID:	8204
UniProt ID:	P48552
Cytogenetics:	21q11.2-q21.1
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	Nuclear receptor interacting protein 1 (NRIP1) is a nuclear protein that specifically interacts with the hormone-dependent activation domain AF2 of nuclear receptors. Also known as RIP140, this protein modulates transcriptional activity of the estrogen receptor. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG202101