

## Product datasheet for RC202101

### 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:	Myc-DDK
Symbol:	RIP140
Synonyms:	CAKUT3; RIP140
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC202101 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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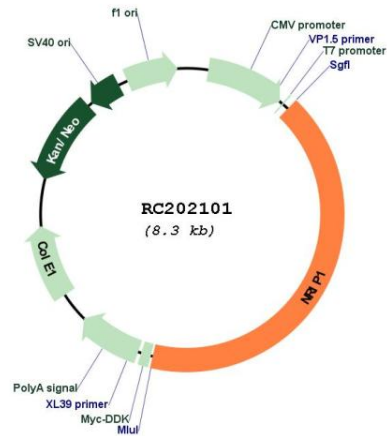
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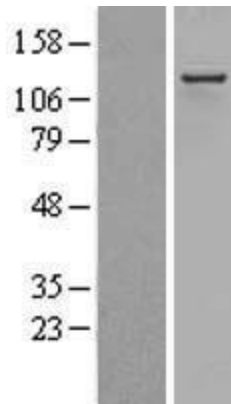


<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_003489.4</a>
<b>RefSeq Size:</b>	7556 bp
<b>RefSeq ORF:</b>	3477 bp
<b>Locus ID:</b>	8204
<b>UniProt ID:</b>	<a href="#">P48552</a>
<b>Cytogenetics:</b>	21q11.2-q21.1
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	127 kDa
<b>Gene Summary:</b>	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 RC202101



Western blot validation of overexpression lysate (Cat# [LY418644]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202101 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).