

Product datasheet for **RR216339**

Nr1i3 (NM_001270840) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Nr1i3 (NM_001270840) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Nr1i3
 Synonyms: CAR
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR216339 representing NM_001270840
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACAGCTACTCTAACACTAGAGACCATGACCAGTGAAGAAGAGTATGGCCAAGGAAGTGTGTGGTGT
 GTGGAGACCGAGCCACGGGCTATCATTCCATGCCCTGACTTGTGAGGGCTGCAAAGGCTTTTTTCAGACG
 AACAGTCAGCAAGACCATTGGTCCCATCTGTCCGTTTGTGGGAGGTGTGAGGTCAGCAAGGCCAGAGA
 CGCCATTGTCCAGCCTGCAGTTGCAGAAAGTGTCTAAATGTTGGCATGAGGAAAGACATGATACTGTGAG
 CAGAAGCCCTGGCACTGCGGAGAGCCAGACAGGACGGCGGGCCAGAAAGCATCTTTGCAACTGAG
 TCAGCAGCAGAAAGAGCTCATCCAGACCCTCTGGGCGCCACACTCGTCATGTGGGCCCATGTTTGAC
 CAGTTTGTGAGTTCAGGCCTCCGGCTACCTGTTTCAGCCATCACCGCCCTTCCAGCCCTGGCCCCG
 TGTTGCCTCTGCTCACACTTTGCAGATATCAATACTTTCATGGTGCAGCAGATTATCAAGTTCACCAA
 GGATCTGCCCTTTTCCGTTCCCTGACCATGGAGGACCAGATCTCCCTTCTCAAGGGAGCGGCTGTGGAA
 ATCTTGATATCTCACTCAACTACGTTCTGCCTTCAAACACAGAATTTCTTCTGCGGGCCCTTTGCT
 ACAAGATGGAAGATGCGGTCCATGGGTTCCAGTACGAGTTTTTGGAGTTGATCATCCACTCCACAAAAC
 CCTGAAAAGATTGCAGCTCCAGGAGCCCGAGTATGCGCTCATGGCTGCCATGGCTCTCTCTCCTGAC
 AGGCTGGGTTACCAAAGAGAAGAGATTGATCAGCTGCAGGAAGAGGTCGCGCTGATCCTCAACAACC
 ACATTATGGAGCAACAGTCAAGACTCCAAGTCGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216339 representing NM_001270840
Red=Cloning site Green=Tags(s)

MTATLTLETMTSEEEYGPRNCVCGDRATGYHFHALTCEGCKGFFRRTVSKTIGPICPFAGRCEVSKAQR
 RHCPACRLQKCLNVGMRKDMILSAEALALRRARQARRRAQKASLQLSQQQKELIQTLGATHRHVGPMPFD
 QFVQFRPPAYLFSHHRPFQPLAPVLP LL THFADINTFMVQQIIKFTKDLPLFRSLTMEDQISLLKGAAVE
 ILHISLNTTFCLQTQNF CGPLCYKMEDAVHGFQYEFLELIIHFHKTLLKRLQLQEPEYALMAAMALFSPD
 RPGVTQREEIDQLQEEVALILNNHIMEQQSRLQSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

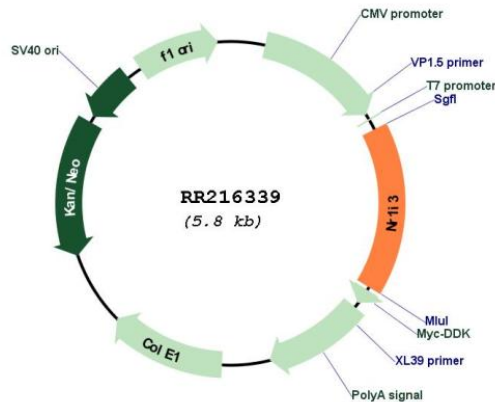
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001270840

ORF Size: 945 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:	<ol style="list-style-type: none">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_001270840.1 , NP_001257769.1
RefSeq Size:	1625 bp
RefSeq ORF:	948 bp
Locus ID:	65035
Cytogenetics:	13q24
MW:	36.1 kDa
Gene Summary:	regulatory factor that leads to the sexual dimorphic induction of CYP2B1 gene [RGD, Feb 2006]