

Product datasheet for RN201357

Nr1i3 (NM_022941) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr1i3 (NM_022941) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr1i3
Synonyms:	CAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201357 representing NM_022941 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAGCTACTCTAACACTAGAGACCATGACCAGTGAAGAAGAGTATGGGCCAAGGAAGTGTGGTGT
GTGGAGACCGAGCCACGGGCTATCATTTCCATGCCCTGACTTGTGAGGGCTGCAAAGGCTTTTTTCAGACG
AACAGTCAGCAAGACCATTTGGTCCCCTGTCCGTTTGTGGGAGGTGTGAGGTCAGCAAGGCCAGAGA
CGCCATTGTCCAGCCTGCAGGTTGCAGAAGTGTCTAAATGTTGGCATGAGGAAAGACATGATACTGTCAG
CAGAAGCCCTGGCACTGCGGAGAGCCAGACAGGCACGGCGGGCACAGAAAGCATCTTTGCAACTGAG
TCAGCAGCAGAAAGAGCTCATCCAGACCCCTCTGGGCGCCACACTCGTCATGTGGGCCCATGTTTGAC
CAGTTTGTGCAGTTCAGGCCTCCGGCTACCTGTTGAGCCATCACCGGCCTTTCCAGCCCTGGCCCCCG
TGTTGCCTCTGCTCACACACTTTGCAGATATCAACTTTTCATGGTGCAGCAGATTATCAAGTTCACCAA
GGATCTGCCCCTTTTCCGTTCCCTGACCATGGAGGACCAGATCTCCCTTCTCAAGGGAGCGGCTGTGGAA
ATCTTGATATCTCACTCAACTACGTTCTGCCTTCAAACACAGAAATTTCTTCTGCGGGCCCTTTGCT
ACAAGATGGAAGATGCGGTCCATGTAGGTTCCAGTACGAGTTTTTGGAGTTGATCATCCACTTCCACAA
AACCCTGAAAAGATTGCAGCTCCAGGAGCCGAGTATGCGCTCATGGCTGCCATGGCTCTTCTCTCTCT
GACAGGCTGGGTTACCAAAGAGAAGAGATTGATCAGCTGCAGGAAGAGGTCGCGCTGATCCTCAACA
ACCACATTATGGAGCAACAGTCAAGACTCCAAAGTCGGTTTCTGTATGCAAAGCTGATGGGCTGCTAGC
TGAGCTTCGGAGTATAAACAGCGCATACTCATATGAAATCCATCGCATCCAGGGACTGTCTGCTATGATG
CCGCTGCTGGGAGATTTGCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1275_b04.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022941
Insert Size:	1077 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_022941.3 , NP_075230.1
RefSeq Size:	1610 bp
RefSeq ORF:	1077 bp
Locus ID:	65035
UniProt ID:	Q9QUS1
Cytogenetics:	13q24
Gene Summary:	<p>regulatory factor that leads to the sexual dimorphic induction of CYP2B1 gene [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>