

Product datasheet for **RN216282**

Nr1i3 (NM_001270839) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nr1i3 (NM_001270839) Rat Untagged Clone
Tag: Tag Free
Symbol: Nr1i3
Synonyms: CAR
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216282 representing NM_001270839
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAGCTACTCTAACACTAGAGACCATGACCAGTGAAGAAGAGTATGGGCCAAGGAAGTGTGTGGTGT
 GTGGAGACCGAGCCACGGGCTATCATTTCATGCCCTGACTTGTGAGGGCTGCAAAGGCTTTTTTCAGACG
 AACAGTCAGCAAGACCATTGGTCCCATCTGTCCGTTTGTGGGAGGTGTGAGGTCAGCAAGGCCAGAGA
 CGCCATTGTCCAGCCTGCAGGTTGCAGAAAGTGTCTAAATGTTGGCATGAGGAAAGACATGATACTGTGAG
 CAGAAGCCCTGGCACTGCGGAGAGCCAGACAGGACCGGCGGGCACAGAAAGCATCTTTGCAACTGAG
 TCAGCAGCAGAAAGAGCTCATCCAGACCCTCTGGGCGCCACACTCGTCATGTGGGCCCATGTTTGAC
 CAGTTTGTGCAGTTCAGGCCTCCGGCTACCTGTTTCAGCCATCACCGCCTTTCCAGCCCTGGCCCCG
 TGTTGCCTCTGCTCACACTTTGCAGATATCAACTTTTCATGGTGCAGCAGATTATCAAGTTCACCAA
 GGATCTGCCCTTTTCCGTTCCCTGACCATGGAGGACCAGATCTCCCTTCTCAAGGGAGCGGCTGTGAA
 ATCTTGCATATCTCACTCAACTACGTTCTGCCTTCAAACACAGAATTTCTTCTGCGGGCCCTTTGCT
 ACAAGATGGAAGATGCGGTCCATGTAGGGTCCAGTACGAGTTTTGGAGTTGATCATCCACTTCCACAA
 AACCCGTAAAAGATTGCAGCTCCAGGAGCCGAGTATGCCTCATGGCTGCCATGGCTCTCTTCTCTCCT
 GGCTGGGGTTACCCAAAGAGAAGAGATTGATCAGCTGCAGGAAGAGGTCGCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001270839
Insert Size: 897 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001270839.1</u> , <u>NP_001257768.1</u>
RefSeq Size:	1606 bp
RefSeq ORF:	897 bp
Locus ID:	65035
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 (4) uses an alternate splice site at the 5' end of an exon compared to variant 1, that causes a frameshift. The resulting isoform (4) has a shorter and distinct C-terminus compared to 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>