

## Product datasheet for MC208215

### Nr1i3 (NM\_009803) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nr1i3 (NM_009803) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nr1i3
Synonyms:	AA209988; AI551208; CAR; CAR-beta; Care2; ESTM32; MB67
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208215 representing NM_009803 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACAGCTATGCTAACACTAGAAACCATGGCCAGTGAAGAAGAATATGGGCCGAGGAAGTGTGGTGT  
GTGGAGACCGGGCCACAGGCTATCATTCCACGCCCTGACTTGTGAGGGCTGCAAGGGCTTCTTCAGACG  
AACAGTCAGAAAACCATTTGGTCCCATCTGTCCGTTTGTGGAAGGTGTGAGGTCAGCAAGGCCAGAGA  
CGCCACTGTCCAGCCTGCAGGTTGCAGAAGTGTCTAAATGTTGGCATGAGGAAAGACATGATACTGTCAG  
CAGAAGCCCTGGCATTGCGGCGAGCCAGACAGGCAGCGCGGGCAGAGAAAGCATCTTTGCAACTGAA  
TCAGCAGCAGAAAAGAACTGGTCCAGATCCTCCTGGGGGCCACACTCGCCATGTGGGCCCATGTTTGAC  
CAGTTTGTGACGTTCAAGCCTCCGGCCTATCTGTTTCATGCATCACCGGCCTTTCCAGCCTCGGGGCCCG  
TGTTGCCCTCTGCTCACACTTTGCAGATATCAACACGTTTATGGTGCAACAGATCATCAAGTTCACCAA  
GGATCTGCCGCTCTTCCGGTCCCTAACCATGGAGGACCAGATCTCCCTTCTCAAGGGAGCGGCTGTGGAA  
ATATTGCATATCTCACTCAACTACGTTCTGTCTTCAAACAGAGAATTTCTTGTGGGCTCTTTGCT  
ACAAGATGGAGGACGCAGTCCATGGGTTCCAGTACGAGTTTTTGGAGTCGATCCTCCACTCCATAAAAA  
CCTGAAAGGACTGCATCTCCAGGAGCCTGAGTATGTGCTCATGGCTGCCACGGCCCTCTTCTCCCCTGAC  
AGACCCGGAGTTACCAAAGAGAAGAGATAGATCAGCTACAAGAGGAGATGGCGTGATTCTGAACAACC  
ACATTATGGAACAACAGTCTCGGCTCCAAGTCCGTTTCTGTATGCAAAGCTGATGGGCCTGCTGGCTGA  
CCTCCGGAGTATAAACAATGCATACTCCTATGAACTTCAGCGCTTGGAGGAACTGTCTGCTATGACGCC  
CTGCTCGGGGAGATTTGCAGTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_009803
<b>Insert Size:</b>	1074 bp
<b>OTI Disclaimer:</b>	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).
<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>RefSeq:</b>	<a href="#">BC089541</a> , <a href="#">AAH89541</a>
<b>RefSeq Size:</b>	1390 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	12355
<b>UniProt ID:</b>	<a href="#">O35627</a>
<b>Cytogenetics:</b>	1 79.21 cM
<b>Gene Summary:</b>	<p>Binds and transactivates the retinoic acid response elements that control expression of the retinoic acid receptor beta 2 and alcohol dehydrogenase 3 genes. Transactivates both the phenobarbital responsive element module of the human CYP2B6 gene and the CYP3A4 xenobiotic response element (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>