

## Product datasheet for **SC319624**

### **NR0B1 (NM\_000475) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NR0B1 (NM\_000475) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NR0B1  
**Synonyms:** AHC; AHCH; AHX; DAX-1; DAX1; DSS; GTD; HHG; NROB1; SRXY2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_000475.3  
GCGCCGCGGGCCATGGCGGGCGAGAACCACCACTGGCAGGGCAGCATCCTCTACAACATG  
CTTATGAGCGCAAGCAAACGCGCGGCTCCTGAGGCTCCAGAGACGCGGCTGGTGGAT  
CAGTGCTGGGGCTGTTCTGTGCGCGATGAGCCCGGGTGGCAGAGAGGGCTGCTGGGC  
GGCGGAACGTGGCGCTCCTGTACCGCTGCTGCTTTTGCGGTAAAGACCCACGGCAG  
GGCAGCATCCTCTACAGCATGCTGACGAGCGAAAGCAAACGTACGCGGCACCGAAGGCG  
CCCAGGGCAGCGTGGTCCGTGCTGGGCTGTTCTGTGCGGCTCTGATCCCGGGTGGGC  
AGAGCGGGGCTTCCGGTGGGCGCCCGTGGCACTCCTGTACCGCTGCTGCTTTTGTGGT  
GAAGACCCCGCGGCAGGGCAGCATCCTCTACAGCTTGTCTACTAGCTCAAAGCAAACG  
CACGTGGCTCCGGCAGCGCCGAGGCACGGCCAGGGGCGCGTGGTGGGACCGCTCTAC  
TTCGCGCAGAGGCCAGGGGTAAAGAGGCGCTACCAGGCGGGCGGCCACGGCGTCTCTG  
TACCGCTGCTGCTTTTGCGGTGAAGACCCCGCAGCAGGGCAGCACCCCTACTGCGTG  
CCCACGAGCACAATCAAGCGCAGGCGGCTCCGGAGGAGCGGCCAGGGCCCCCTGGTGG  
GACACCTCCTCTGGTGCCTGCGCCGGTGGCGCTCAAGAGTCCACAGGTGGTCTGCGAG  
GCAGCCTCAGCGGGCCTGTTGAAGACGCTGCGCTTCGTAAGTACTTGCCCTGCTCCAG  
GTGCTGCCCTGGACCAGCAGCTGGTGTGGTGCCTCAACTGCTGGGCGTCCCTGCTCATG  
CTTGAGCTGGCCAGGACCGCTTGCAGTTCGAGACTGTGGAAGTCTCGGAGCCAGCATG  
CTGCAGAAGATCCTCACCACAGGCGGGGAGACCGGGGCAACGAGCCACTGCCCGTG  
CCCACGCTGCAGCACCATTTGGCACCGCGGGAGGCCAGGAAGTGGCCCTCCGCTCC  
CAGGTCCAAGCCATCAAGTGCTTTTCCAAATGCTGGAGTCTGAACATCAGTACCAAG  
GAGTACGCTACCTCAAGGGGACCGTGCTTTAACCCGACGTGCCGGGCTGCAGTGC  
GTGAAGTACATTCAGGGACTCCAGTGGGAACTCAGCAAATACTCAGTGAACACACCAGG  
ATGACGCACCAAGGGCCCCATGACAGATTCATCGAACTTAATAGTACCCTTTTCTGCTG  
AGATTCATCAATGCCAATGTCATTGCTGAACTGTTCTTCAGGCCCATCATCGGCACAGTC  
AGCATGGATGATGATGCTGAAAATGCTCTGTACAAAGATATAAAGTATGTGGGCCAC  
ACAAGTGCAGTAGTGCAGTTCACCATGAGGGAAGAATAAAGAGCTGTGGGCAAAAGAGTG  
TAAAATATTTTAAATAAACTTTCTTAATATTTTAAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_000475
<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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="#">NM_000475.3</a> , <a href="#">NP_000466.2</a>
<b>RefSeq Size:</b>	1555 bp
<b>RefSeq ORF:</b>	1413 bp
<b>Locus ID:</b>	190
<b>UniProt ID:</b>	<a href="#">P51843</a>
<b>Cytogenetics:</b>	Xp21.2
<b>Domains:</b>	HOLI
<b>Protein Families:</b>	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
<b>Gene Summary:</b>	This gene encodes a protein that contains a DNA-binding domain. The encoded protein acts as a dominant-negative regulator of transcription which is mediated by the retinoic acid receptor. This protein also functions as an anti-testis gene by acting antagonistically to Sry. Mutations in this gene result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism. [provided by RefSeq, Jul 2008]