

## Product datasheet for **SC328019**

### **OXR1 (NM\_181354) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	OXR1 (NM_181354) Human Untagged Clone
Tag:	Tag Free
Symbol:	OXR1
Synonyms:	CHEGDD; Nbla00307; TLDC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



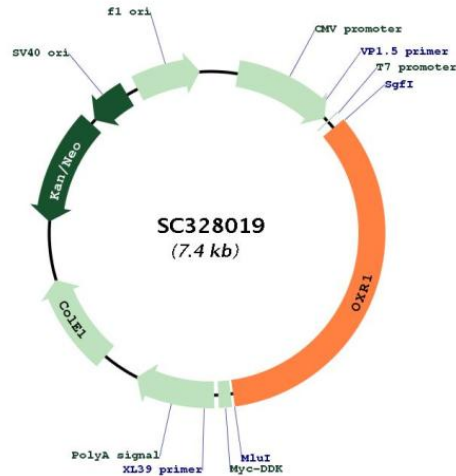
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**Fully Sequenced ORF:** >SC328019 representing NM\_181354.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGACTACCTGACGACGTTCACCGAGAAGAGTGGGCGCCTTCTCGGGGCACGGCCAACCGCCTGTTG
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CAAAAGAAGACCTAGACAAGAAAGATGGAAGACGAATGTCTTTTCAGAAACCTAAAGGGACTATTGAG
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_181354

**Insert Size:** 2520 bp

**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:** 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.

**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:**

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\\_181354.4](#)

**RefSeq Size:** 4465 bp

**RefSeq ORF:** 2520 bp

**Locus ID:** 55074

**UniProt ID:** [Q8N573](#)

**Cytogenetics:** 8q23.1

**MW:** 93.7 kDa

**Gene Summary:** May be involved in protection from oxidative damage.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) has an alternate 5' sequence and lacks an internal in-frame exon, compared to variant 3. The resulting isoform (2) has a distinct and shorter N-terminus and lacks an internal segment, as compared to isoform 3.