

## Product datasheet for **SC120185**

### **OSR2 (NM\_053001) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	OSR2 (NM_053001) Human Untagged Clone
Tag:	Tag Free
Symbol:	OSR2
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_053001, the custom clone sequence may differ by one or more nucleotides

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ATGGGGAGCAAGGCTCTGCCAGCGCCCATCCCGCTCCACCCGTCGCTGCAGCTCACCAATTACTCCTTCC
TGCAGGCCGTGAACACCTTCCCGGCCACGGTGGACCACCTGCAGGGCCTGTACGGTCTCAGCGCGGTACA
GACCATGCACATGAACCACTGGACGCTGGGGTATCCCAATGTGCACGAGATCACCCGCTCCACCATCAGC
GAGATGGCGGCGGCGCAGGGCCCTCGTGGACGCGCGCTTCCCCTTCCCGGCCCTGCCTTTTACCACCCACC
TATTCACCCCAAGCAGGGGGCCATTGCCACGTCCTCCAGCCCTGCACAAGGACCGGCCCGTTTTGA
CTTTGCCAATTTGGCGGTGGCTGCCACGCAAGAGGATCCGCCTAAGATGGGAGACCTGAGCAAGCTGAGC
CCAGGACTGGGTAGCCCCATCTCGGGCCTCAGTAAATTGACTCCGGACAGAAAGCCCTCTCGAGGAAGGT
TGCCCTCCAAAACGAAAAAGAGTTTATCTGCAAGTTTTGCGGCAGACACTTTACCAAATCCTACAATTT
GCTCATCCATGAGAGGACCCACACGGACGAGAGGCCGTACACGTGTGACATCTGCCACAAGGCCTTCCGG
AGGCAAGATCACCTGCGGGATCACAGATACATCCATTCCAAAGAAAAACCCTTCAAATGTCAGGAGTGTG
GGAAAGGATTTTGTGAGTCTAGAACTCTAGCAGTTCACAAAACCTTACACATGCAGACATCAAGCCCTAC
AGCTGCGAGCAGTGGCAAAGTGTTCAGGCGAAACTGTGATCTGCGGCGGCACAGCCTGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_053001 unedited NNNCCAGTTCAAATTTGTAAACGACTCACTATAGGCGGCCGGAATTCGCACCAGGGACG CGGGCGGGGACGGAGCTCGGCCTGCTTGTGCTGGAGGGTGATGGCCCTGCAAGGCTGTG GGTCCGACCTCACCGGGAGTCGACAGCGAGAGTTCCGCCAAGAGCGAGGTTCTGGGCG AGCGCTGAACGCCGGCCCAAGCACCCCGGGTCTTTACACAGTCCGCGTCCACAGACTCT GACGAAGACGTGGATCTGCTCTCGCTTTAGCTGCTCGCGGTCTCCAGATCATGTCCGCG ACTCTGCGACTCCGCGCGAAAAAAGTTTGCCAGGGGTGGACTCAATGACCTTTCCA AGCTGTGCGCCTCGCTGCCTGGACCGGGTCTGAGCGCGGCTGCCAGGTTGACCTTTCTG CGGGAGGGCTTTCTCTACGTGCTGTTGTCTCACTGGGTTTTTGTGCGAGCCCCACGCCCT CCGGCCTCTGATTCTGGAAGAAAGGGTTGGTCCCCTCAGCACCCCCAGCATCCCGGANA ATGGGGAGCAAGGCTCTGCCAGCGCCCATCCCGCTCCACCCGTCGCTGCAGCTCACCAAT TACTCCTTNCCTGCAGCCGTGAACACCTTCCCGCCACGGTGGACCACCTGCAGGGCCTG TACGGTCTCAGCGCGGTACAGACCATGCACATGAACACTGGACGCTGGGGTATCCCAT GTGACAGATAACCCGCTTCAACATCACGGAGATGGCGCGGCCCCAGGCCCTCNTGG ACGCGCGCTTTCCCTTCCCGGGCCTGGCCTTTTACCACCCACCTATTTAACCCCAAGCA GGGGGCAATGGCCACGTCCTTCCAACCCTGGAAGGGACGGG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_053001
<b>Insert Size:</b>	1850 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>RefSeq:</b>	<a href="#">NM_053001.1</a> , <a href="#">NP_443727.1</a>
<b>RefSeq Size:</b>	1759 bp
<b>RefSeq ORF:</b>	831 bp
<b>Locus ID:</b>	116039
<b>UniProt ID:</b>	<a href="#">Q8N2R0</a>
<b>Domains:</b>	zf-C2H2
<b>Gene Summary:</b>	OSR2 is a mammalian homolog of the Drosophila odd-skipped family of transcription factors (Lan et al., 2004 [PubMed 15175245]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (2) differs in the 5' UTR and has multiple coding region differences, compared to variant 1, one of which results in a frameshift. The resulting protein (isoform b) has a shorter N-terminus and a distinct C-terminus compared to isoform c.