

Product datasheet for **SC126086**

OSR1 (NM_145260) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSR1 (NM_145260) Human Untagged Clone
Tag:	Tag Free
Symbol:	OSR1
Synonyms:	ODD
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_145260 edited
 GCTCGGCCTCTCCCCGGCACGTTCTCAGCTGCTCCTGGTTCAGACCCAGCGAGGGAGCCG
 CGAGCGAGGCTCACCGTCCCCGGCGTGCAGGATCCGGGGCTGCTGAGCGCTCGTCCCCG
 GTGTCCGGCGCTTGGAGTCCCCGGCGCAGGAGAGGAGTCCGGGACACTAGAGCTCCAGGGG
 CGCCTGTGGGCTCCAGGGCTCCGGCTTCCCCAGTCCCCTTCAGCTAAAGCCCCAGAGAC
 GTGCTCAGCCCCAGGACCTCTGCGGAACAAGATCCGATTGAGAAGCCACTGCAACTACC
 GAAATGGGCAGCAAAAACCTTGGCCGGCGGTCCTATCCACCCTTCCCTGCAGCTCACC
 AACTACTCCTTCCCTTTCAGGCAGTGAACGGCCTGCCACAGTGCCTTCGGACCATCTGCC
 AACCTGTATGGTTTCAGCGCGTTGCACGCTGTGCACCTGCATCAGTGGACGCTGGGCTAC
 CCGGCCATGCACTTGGCCGCTCTTCTTCTCCAAAGTCCGGGACGCGTGTCCAGCTTG
 GTGGATGCGCGCTTCCAGCTGCCCGCTTCCCTGGTTCCTCATGTCATTCAACCCAAG
 CCCGAGATCACCGCTGGAGGCAGCGTTCAGCGCTCAAGACCAAGCCGCGCTTTGATTTT
 GCCAACCTGGCCTTGGCAGCAACGCAAGAAGATCCGGCCAAGCTCGTTCGCGGGGAGGGC
 CCAGGCTCCCCTGCAGGTGGGCTGGGTGCCCTCCTCGACGTGACCAAGCTGTCTCCAGAA
 AAGAAGCCCAAGGGGACGCTGCCTTCCAAGACCAAGAAGGAATTCGTCTGCAAGTTC
 TGTGGCCGCCACTTCACCAAGTCTACAACCTACTTATCCATGAGCGGACGCACACCGAC
 GAGCGGCCCTACACCTGTGACATCTGCCACAAAGCCTTCCGGAGGCAAGACCACCTGCGA
 GACCACAGATATATTTCACTCAAAGAGAAGCCCTTCAAGTGTCAAGAGTGTGGGAAAGGA
 TTCTGCCAGTCCAGGACTCTCGCTGTCCACAAGACGCTACACTCACAGGTGAAGGAGCTC
 AAAACCTCCAAGATCAAATGCTAAATAGAACCTGTGGGTACAAGGACCCTAGGCCACG
 GGCCCTCCTCCATAGGGACCAGAAGCCTGACTCTGGCGGGCAGCGGGAGAGGCGCTCG
 CTCGGGACCTTCCACCTTCCAACATTGCCCCGGTCCCTGGCGCACGCGGCACTTCA
 GAGCCCCCGGGGGCCGCGACCCCGACCGTCCCTGCTGCTCCCCTAGGACGCGGCTAAA
 CTCTTGGCCAAAAGGCGGTACTCACGTGGCGGAAGGGAACCTGCATTAATAAAAAACGAAAG
 CTCGCGGAGCCGACGCGCGCCTCTCCAGAAGTATTACTTTTTCTATTGTTATTTTAT
 ACGTTTTCTTTTTATTTTTGTCTTTGACCATATAAGCTTGTAACTCTGACTGCGGAGAG
 TGAGTGGAGAGAGGAGAGGCAACGAAGTCTTAGCACTGCAGCTCCCACCTCCTCCTCCC
 GCCCTGCCCCACCCCGGAGCCTGCAAAAGTGAATCCCTGTATCTGTTTCCAGCTCC
 TGCCCTAGGGACCGGGGACGCCCCCTCCAGCTTTCAGCTCAGCTGGCGGCGGTGG
 GCTCCGGGACTAGGAGAGCGGGACGGGACCTCGGGCTGGGTCTGCAGGGGGCCCGGC
 CTCGCTGCCGCGACACTGCGAGGGAGCAGCCAGCCAAGAGCCGGGCGTTATATTGCGAT
 TGGCACTTATGTGACCATCGGTAACGGACATTTATCACTGGAGTTTTTTTTTTTTTTTT
 AACTATTAATAAACGGTATTTTACAGGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_145260 unedited
 NNNGAGTTTTAAATTTGTATACGATCACTATAGGCGGCCGCGNATTCAGATCTGGTACCG
 GTCCGGAATTCGGGATGCTCGGCCTCCCCGGCACGTTCTCAGCTGCTCCTGGTTCA
 GACCCAGCGAGGGAGCCGCGAGCGAGGCTCACCGTCCCCGGCGTGCAGGATCCGGGGCTG
 CTGAGCGCTCGTCCCAGTGTCCGGCGCTTGGAGTCCCCGGCAGGAGAGGAGTCCGGG
 AACTAGAGCTCCAGGGGCGCTGTGGGCTCCAGGGCCTCCGGCTTCCCCAGTCCCCTTC
 AGCTAAAGCCCCAGAGACGTGCTCAGCCCCAGGACCTCTGCGGAACAAGATCCGGATTGA
 GAAGCCACTGCAACTACCGAAATGGGCAGCAAAACCTTGGCCGGCGCGGTGCCTATCCAC
 CCTTCCCTGCAGCTACCAACTACTCCTTCCCTCAGGCAGTGAACGGCCTGCCACAGTG
 CCTTCGGACCATCTGCCAACCTGTATGGTTTCAGCGCGTTGCACGCTGTGCACCTGCAT
 CAGTGGACGCTGGGCTACCCGGCATGCACTTGGCGCGCTTCTTTCTCAAAGTGCCG
 GGCACGGTGTCCAGCTTGGTGGATGCGCGCTTCCAGCTGCCCGCCTTCCCTGGTTCCT
 CATGTCTATTCAACCCAAGCCGAGATCACCGCTGGAGGCAGCGTTCACGCGCTCAAGACC
 AAGCCGCGCTTTGATTTTCCAACCTGGCCTTGGCAGCAACGCAAGAAGATCCGGCCAAG
 CTCGGTCCGGGGGAGGGCCCCAGGCTCCCCTGCAGGTGGGCTGGGGTGCCTCCTCGA
 CGTGACCAAGCTGTCTCCAGAAAAGAAGCCCA

Restriction Sites: NotI-NotI

ACCN:	NM_145260
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).
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_145260.1</u> , <u>NP_660303.1</u>
RefSeq Size:	1915 bp
RefSeq ORF:	801 bp
Locus ID:	130497
UniProt ID:	<u>Q8TAX0</u>
Cytogenetics:	2p24.1
Gene Summary:	Transcription factor that plays a role in the regulation of embryonic heart and urogenital development.[UniProtKB/Swiss-Prot Function]