

Product datasheet for **RG206666**

OSR1 (NM_145260) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSR1 (NM_145260) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	OSR1
Synonyms:	ODD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206666 representing NM_145260 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAGCAAACCTTGCCGGCGCCGGTGCCTATCCACCCTTCCTGCAGCTCACCAACTACTCCTTCC
TTCAGGCAGTGAACGGCCTGCCACAGTGCCTTCGGACCATCTGCCAACCTGTATGGTTTCAGCGCGTT
GCACGCTGTGCACCTGCATCAGTGGACGCTGGGTACCCGGCCATGCACTTGCCGCGCTCTTCTTTCTCC
AAAGTCCCGGCACGGTGTCCAGCTTGGTGGATGCGCGCTTCCAGCTGCCCGCCTTCCCTGGTTCCCTC
ATGTCATTCAACCAAGCCGAGATCACCGCTGGAGGCAGCGTTCAGCGCTCAAGACCAAGCCGCGCTT
TGATTTTGCCAACCTGGCCTTGGCAGCAACGCAAGAAGATCCGGCCAAGCTCGGTGCGGGGAGGGCCCA
GGCTCCCCTGCAGGTGGGCTGGGTGCCCTCCTCGACGTGACCAAGCTGTCTCCAGAAAAGAAGCCACAA
GGGGACGTCTGCCTTCCAAGACCAAGAAGGAATTCGTCTGCAAGTTCTGTGGCCGCACTTACCAAGTC
CTACAACCTACTTATCCATGAGCGGACGCACACCGACGAGCGCCCTACACCTGTGACATCTGCCACAAA
GCCTTCCGGAGGCAAGACCACCTGCGAGACCACAGATATTTCACTCCAAAGAGAAGCCCTTCAAGTGTC
AAGAGTGTGGAAAGGATTCTGCCAGTCCAGGACTCTCGTGTCCACAAGACGCTACACTCACAGGTGAA
GGAGCTCAAACCTCCAAGATCAAATGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG206666 representing NM_145260
Red=Cloning site Green=Tags(s)

MGSKTLPAPVPIHPSLQLTNYSFLQAVNGLPTVPSDHLPNLYGFSALHAVHLHQWTLGYPAMHLPRSSF
 KVPGTVSSLVDARFQLPAFPWFPHVIQPKPEITAGGSVPALKTKPRDFANLALAAATQEDPAKLGRGEGP
 GSPAGGLGALLDVTKLSPKPKTRGRLPSKTKKEFVCKFCGRHFTKSYNLLIHERHTHTDERPYTCDICHK
 AFRRQDHLRDHRYIHSKEKPFKQCQCGKGFCSRTLAVHKTLHSQVKELKTSKIKC

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_145260

ORF Size: 798 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_145260.3](#)

RefSeq Size: 1915 bp

RefSeq ORF: 801 bp

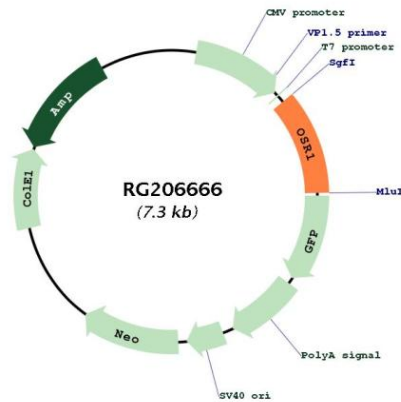
Locus ID: 130497

UniProt ID: [Q8TAX0](#)

Cytogenetics: 2p24.1

Gene Summary: Transcription factor that plays a role in the regulation of embryonic heart and urogenital development.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG206666