

Product datasheet for MR203525

Osr1 (NM_011859) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Osr1 (NM_011859) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Osr1
Synonyms:	Odd1; Osr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203525 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAGCAAACCTTGCCAGCACCGGTACCCATTCACCCATCCCTGCAGCTTACCAATTACTCTTTCC
TTCAGGCAGTGAATGGCCTGCCACAGTGCCTCGGACCACCTGCCAACCTGTATGGTTTCAGCGCTCT
TCATGCGGTGCATCTGCACCAATGGACGCTGGCTACCCAGCCATGCACTTGCCTCGATCCTTTTTTCT
AAAGTCCAGGTGCGGTGCCAGCCTGATGGACGCTCGCTTCCAGCTGCCAGCCTTCCCCTGGTTTCCCC
ACGTCATTACCCTAAGCCAGAGATCACCGCGGGAGGCAGCGGCGCAGCACTTAAGACCAAGCCTCGCTT
TGATTTTCGCTAACCTGGCCTTGGCTGCCACACAAGAGGATCCACCAAGCTTGGCCGAGGGGAGGGCCCT
GGCTCCCCTGCTGGTGGGCTGGGCGCCCTCCTGGACGTGACCAAGCTATCCCCAGAAAAGAAGCCAA
GGGGACGCCTGCCTTCCAAGACCAAGAAGGAATTCGTTTGCAAGTTCTGTGGCCGCCACTTCACTAAGTC
CTATAACCTACTTATCCACGAGCGGACGCACACTGATGAGCGACCTTACACCTGTGACATCTGCCACAAA
GCTTTCCGGAGGCAAGACCACCTACGGGACCACAGATATTTCACTCCAAAGAGAAGCCTTTCAAGTGTC
AAGAGTGTGGAAAGGATTCTGCCAGTCCCGGACTCTCGCTGTCCACAAGACGCTACACTACAAGTGAA
GGAGCTCAAACCTCCAAGATCAAATGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203525 protein sequence
Red=Cloning site Green=Tags(s)

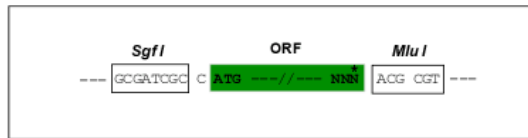
MGSKTLPAPVPIHPSLQLTNYSFLQAVNGLPTVPSDHLPNLYGFSALHAVHLHQWTLGYPAMHLPRSSF
 KVPGAVSSLMARFQLPAFPWFPHVIHPKPEITAGGSGAALKTKPRDFANLALAATQEDPTKLRGEGP
 GSPAGGLGALLDVTKLSPKPKTRGRLPSKTKKEFVCKFCGRHFTKSYNLLIHERHTHTDERPYTCDICHK
 AFRRQDHLRDHRYIHSKEKPFKQCQEGKGFCSRTLAVHKTLHSQVKELKTSKIKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_011859

ORF Size: 801 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_011859.3](#)

RefSeq Size: 2027 bp

RefSeq ORF: 801 bp

Locus ID: 23967

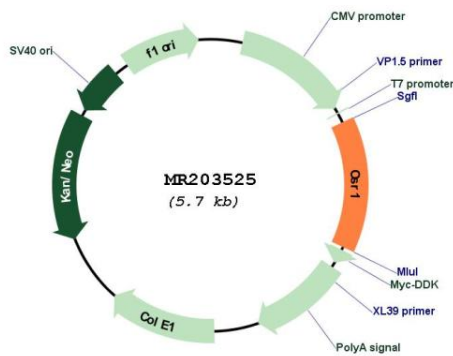
UniProt ID: [Q9WVG7](#)

Cytogenetics: 12 4.05 cM

MW: 29.6 kDa

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 MR203525