

Product datasheet for **MR208991**

Osbp19 (BC026927) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Osbp19 (BC026927) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Osbp19
Synonyms:	MGC30367, MGC38458, ORP-9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208991 representing BC026927
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGAGCACGCGGCAGCCCCAGGGCCCGGCCAACGGCGGGGGTGGTGGCGCGGCCCGGTGC
 GCGGCCCTCGCGGCCCAATCTCAACCCCAACCGCTCATCAACGTGCGGACCGGCTCTCCACGCTCT
 CTTCTTCAAGATGGCCGTCACCTACTCACGCTCTTCCACCTGCTTTCGCCGCTCTTTGAATTCTTC
 GTTCTGCTCAAGGCCCTGTTGTGCTTTTCGCTCTCGCTACATAACATCGTCTTCTCCGGTCCCCCA
 TCAACTGCTTAGAGCATGTTGAGATCGATGGCCGCGGGAGGTGTCTGCGGGTGGAGGTGCGCCAAA
 CTCGAGCCGGCACCGGTGATCTGCAGTTCTGTGATGGGGCCCTCGGTGGCTGGAGCTGGAACCCGGG
 GGCCTGGAGCTGGAGGAGGAGCTCACAGTGGAGATGTTACCAACAGCTCCATCAAGTTGAGCTGG
 ACATTGAGCCAAAGGTGTTCAAGCCACAGAGCGGTGCAGATGCCCTGAACGACAGCCAGGACTTCCCTT
 TCCTGAGACGCCAGAAAAGTGTGGCCACAGGATGAGTACATTGTGGAGTACTACTGGAATATGGCTTC
 CTGCGGCTATCCCAAGCCACAGCCAGCGTCTGAGCATTCTGTGATGGTGGTACCCCTAGACCCACGC
 GGGACCAGTGCTTTGGGACCGCTTACGCCCTATTGCTGGATGAGTTCCTGGGCTATGATGACATCCT
 CATGTCCAGTGTAAAGGTCTGGCAGAGAACGAGGAGAACAAAGGCTTCTTGAGGAATGGTCTCTGGG
 GAGCACTACCGCTTTGTGAGCATGTGGATGGCGGCACATCCTACCTGGCGGCCTTTGTGATCATGGTCA
 TCTTTACCCTCAGCGTGTCCATGCTGTTGCGATACTCGCACCACCAGATCTTCTGCTTTCATCGTGGACCT
 GCTGCAGATGCTGGAGATGAACATGGCCATCGCCTTCCCGCAGCGCCCTTGCTGACCGTATCCTGGCT
 CTCGTGGGATGGAAGCCATCATGTCTGAGTCTTCAATGATACCACCAGGCCTTCTACATCATCCTCA
 CTGTGTGGCTGGCCGACCAGTATGATGCCATCTGCTGCCACCAACACCAGAACGCGGACTGGCTGAG
 GTTCTTCTACCTTACCCTTCCGCTTCTATGCTTACCCTACCCTTTAACGGGAGTACAGCAGCCTG
 GCCCTGGTACCTCCTGGCTCTTATCCAGCATTCCATGATCTACTTCTTCCACCCTATGAGTTGCCCG
 CCATCCTGCAGCAGATCCGAATCCAGGAGATGCTGCTTACAGCGCCACCCTGGGCCCGGGACCCAC
 GCGCTGCTGACGACCTCAACAACAACCTGGCTCCCCTGCCACTCCGGATCCCAGCCCTCCCCTCGCG
 CTGGGCCAGCTCCAGCCCGCGCCACTGGCGGGCATCTGGGCTGGCTCACTGGGCGCTGGGGCT
 CAGTATCCGGCAGTGACCTAGGTTGGTGGCCGAGACCGCCCATCATCTGACGCATCCTTCTGTG
 GGGGTGAGCGCCTCTCTCTGGAGCGGGCCAAACAGCCCTAGTACCCCGACAGCTCACGACCTGAC
 CCTGGGTCCTCTGGAGACGCACCCGCCCTGCCGGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208991 representing BC026927
 Red=Cloning site Green=Tags(s)

MSEHAAAPGPGPNGGGGGAAPVRGPRGNLNPPLINVRDRLFHALFFKMAVTYSRFPFAPFRRLFEFF
 VLLKALFVLFVLAYIHIVFSRSPINCLEHVRDRWPREGVLRVEVRHNSRAPVILQFCDGGLGGLELEPG
 GLELEEEELTVEMFTNSSIKFELDIEPKVFKPQSGADALNDSQDFPFPEPAKVWPQDEYIVEYSLEYGF
 LRLSQATRQRLSIPVMVTLDPTRDQCFGDRFSRLLLEFLGYDDILMSSVKGLAENEENKGFNRNVVSG
 EHYRFVSMWMARTSYLAAFVIMVIFTLVSMMLLRYSHHQIFVFIVDLLQMLEMNMAIAFPAAPLLTVILA
 LVGMEAIMSEFFNDTTAFYIILTVWLANDQYDAICCHTNTSKRHWRFFLYYHFAFYAYHYRFNGQYSSL
 ALVTSWLFIQHSMIYFFHHYELPAILQQIRIQEMLLQTPPLGPGTPTALPDDLNNNSGSPATPDPSPLA
 LGPSSSPAPTGGASGPGSLGAGASVSGSDLGWVAETAIIISDASFLSGLSASLLERRPTAPSTPDSSRPD
 PGVPLEDAPAPAGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9015_a08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: BC026927

ORF Size: 1722 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: [BC026927](#), [AAH26927](#)

RefSeq Size: 2536 bp

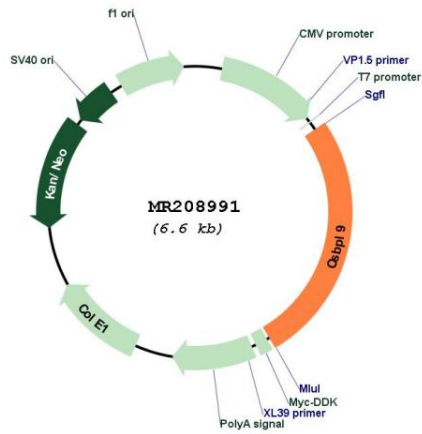
RefSeq ORF: 1715 bp

Locus ID: 100273

Cytogenetics: 4 C7

MW: 93 kDa

Product images:



Circular map for MR208991