

Product datasheet for **MC220667**

Osbp16 (BC022908) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Osbp16 (BC022908) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Osbp16
Synonyms:	MGC30542, ORP-6, mKIAA4128
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC022908
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCCAACAGCTTTCCATGGCAGTCGCCGTTACCATGCAGTAACAGCCTCCCTGCGACCTGCACAA
 CTGGGCAGAGTAAAGTGGCAGCCTGGCTGCAGGACTCAGAAGAAATGGACAGGTGTGCAGAAGATCTTGC
 ACACTGCCAGTCAAACCTTGTGGAACCTAGCAAGCTCCTGCAAAACTTGAGATCCTTCAGAGAAGTTCAG
 TCGGCGCCTAACTTCACTGACATGCAGGCTAAGTGTAGATATTTCAAAGAAAGACAAGCGGGTCACAA
 GACGCTGGAGGACAAAAGTGTGAGCAAGATACAAAAATACAGCTCCAGGTTCTTTTCAGCGCCACCAT
 GTCACCCGTGCGTCTGCACTCCTCAACCCCAACCTTTGTGCGGACATTGAGTTCAGAGCCCTCCTAGC
 CACCTCACCGACCCTCTGGAAAGTTCACGGATTATACCAAGCTACAAGAAGAATTTGTCTAATTGCAC
 AGAAAGTGCATTCTTTCTGAAGTCTGCATTTAACAGCATAGCTATAGAGAAGGAGAAGCTGAAGCAGGT
 GGTCTCGGAGCAAGATCACAAACAAGGCCACAGCACAGATGGCCAGACTCCGGCAGTCACTGTACAG
 GCATTAACCAGAACGCTGAGCTCCGGAGTCGGCTGAACAGAATACACTCAGAGTCTACCATTTGTGATC
 ACGTTGTCAAGTAAATATTATCCCTAGCCCCGATGAGCCTGGTGAAGCAATCCATGTACGCTCCCTCT
 GTCACAGCAGGTGGCCAACGAGAGCCGCTCTCCATGTCAGAATCCGTGTGAGAATCTTCGATGCCCAA
 GAGGTGCTCCTGTCTGCAAGTCACTCAGAGAATGAGGCTTCCGATGATGAGTCTACATCAGCGACGTGA
 GTGACAACATATCTGAGGACAACACCAGTGTGCGCCGACAACATTTCTCGGCAAACTCTGAATGGGGAGCT
 CACAGGAGGCGCCTTCCGCAATGGCCGTCGACCTGCCTGCCTCCTTGCCCGGACACCAGTAACATT
 AACCTGTGGAATATCTTGAGGAACAACATTGGCAAAGACCTGTGGAAGGTCTCCATGCCCGTGAAGTCA
 ACGAGCCCTCAACACCCTGCAGCACCTGTGAGGAAATGGAATACAGTGAAGTCTCCATGGACAAGGCCTC
 AGAGACCGACGACCCCTACGAGAGGATGGTTCTCGTCGCTGCCTTTGCAGTCTCAGGGTACTGTTCCACC
 TACTTCCGAGCAGGAAGCAAGCCATTCAATCCGGTCTGGGGGAGACCTATGAATGCATAAGAGAAGATA
 AGGGGTTTCGGTCTTCTCAGAACAAGTTAGCCATCATCCACCCATTTCTGCCTGTCACTGTGAATCCAA
 GAATTTGTGTTTGGCAAGATATCAGATGGAAAAATAAGTTCTGGGAAAGTCCATGGAAATCCTGCCT
 GTCGGAACCTGAACGTACGCTTCCAAAATATGGGGTACTATGTGTGGAATAAAGTACCACGTGCA
 TACACAATATCCTGAGTGGGAGGAGATGGATCGAGCACTACGGTGAAGTGACCCTTAGAAATACAAAAG
 CAGTGTTCGATTTGCAAACTCACGTTTGTCAAGGTGAATTAAGTGAAGTCAACCGTGAATGAAGTCCAG
 GGGGTGGTATAGACCAGGAGGGAAGGTGGTGCACCGGCTGTTTGGGAAATGGCAGGAAGGACTCTACT
 GCGGGGTGGCCCTCGGCAAAAGTGCATCTGGAGACCAGGTTCTCTGCCAACCAACTATGAGCTCTACTA
 TGGCTTACAAGATTTGCTGTGGAGCTCAATGAGTTGGACCCCGTCTGAAGGACCTCTTCCCCCACA
 GATGCCCGATTCCGGCCAGATCAAAGGTTTTTGGAGAAGGGAACCTAGAAGCCGACGCCGAGAGAAAC
 AAAGAGTTGAGGAACTCAAAGATCGCGAAGACGCTACATGGAGGAAAACAACCTTGAACATATACAAA
 ATTTTTAAAGCTTGTGTCTGCTCAGATTTGGCCCCACTGTGTTAGACCAAAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC022908

Insert Size: 2088 bp

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>BC022908</u> , <u>AAH22908</u>
RefSeq Size:	2688 bp
RefSeq ORF:	2087 bp
Locus ID:	99031
Cytogenetics:	2 C3
Gene Summary:	Weakly binds 25-hydroxycholesterol.[UniProtKB/Swiss-Prot Function]