

Product datasheet for **MC229222**

Osbp16 (NM_001290733) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Osbp16 (NM_001290733) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Osbp16
Synonyms:	1110062M20Rik; AI596402; mKIAA4128; ORP-6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC229222 representing NM_001290733
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTCAGACGAGAAGGGCATATCCCCTGCTCATAAAACATCCACTCCGACCCATAGAAGTGCCTCGT
 CTTCAACATCTTCTCAGAGGGAAAAGCAGACAGAGCATCCACGTTTTGGAGAGAAGTCTTATCCAGCAC
 GGAGCCCTCTGTCACTCGGCAGTTGCTAGAGCCGGAGCCCATCCCCCTCTCCAAGGAAGTGCACAGCTGG
 GAAATTATAGAAGGGCTGAAAATAGGCCAAACCAATGTCCAGAAAACCAGACAGGCACGAGGGATTTATGC
 TGAAGAAAAGAAAATGGCCTTTAAAGGGCTGGCACAAGCGCTTTTTTGTCTGGATAATGGAATGCTGAA
 GTATTCCAAGGCGCCACTTGATATCCAAAAAGGAAAAGTGCACGGGAGCATAGATGTCGGACTGTCTGTC
 ATGTGCGATTAAGAAAGCTCGGAGGATAGACCTTGACACGGAAGAGCACATCTATCATTTGAAGGTGA
 AATCCCAGGACTGGTTTGACGCTGGGTCTCCAACTGCGCCATCACAGTTGTACCGTCAGAATGAAAT
 TGTGAGGTCGCCGAGAGATGCCAGTTTCCACATATTTCTGCAACTTCGACAGCTGAGTCTCCCGGGCT
 GCTAATGTCTCTGTTGTGGATGGAAGATGCAGCCCAACAGCTTTCCATGGCAGTCGCCATTACCATGCA
 GTAACAGCCTCCCTGCGACCTGCACAACCTGGGCAGAGTAAAGTGGCAGCCTGGCTGCAGGACTCAGAAGA
 AATGGACAGGTGTGCAGAAGATCTTGCACACTGCCAGTCAAACCTTGTGGAACTTAGCAAGCTCTGCAA
 AACTTGGAGATCCTTCAGAGAAGTCAAGTCCGCGCCTAACTTCACTGACATGCAGGCTAAGTGTGTAGATA
 TTTCAAAGAAAGACAAGCGGGTCAACAAGCGCTGGAGGACAAAAGTGTGAGCAAGATACAAAAATACA
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 GTGGCTACAACAGTTCCTTTAGCGCCACCATGTCACCCGTGCGTCTGCACTCTCCAACCCCAACCTTT
 GTGCAGACATTTAGTTCAGACCCCTCTAGCCACCTCACCGACCCTCTGGAAAAGTCCACGGATTATAC
 CAAGCTACAAGAAGAATTTTGTCTAATTGCACAGAAAAGTGCATTCTTCTGAAGTCTGCATTTAACAGC
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 AGATGGCCAGACTCCGGCAGTCACTGTACAGGCCTTAACCAGAACGCTGAGCTCCGGAGTCGGCTGAA
 CAGAATACACTCAGAGTCTACCATTTGTGATCACGTTGTCAGTGTAAATATTATCCCTAGCCCCGATGAG
 CCTGGTGAGCAAATCCATGTCAGCCTCCCTCTGTACAGCAGGTGGCCAACGAGAGCCGCTCTCCATGT
 CAGAATCCGTGTCAGAATTTCTGATGCCAAGAGGTGCTCTGTCTGCAAGCTCATCAGAGAATGAGGC
 TTCTGATGATGAGTCTACATCAGCGACGTGAGTGACAACATATCTGAGGACAACACCAGTGTGCCGAC
 AACATTTCTCGGCAAATCCTGAATGGGGAGCTCACAGGAGCGCCTTCCGCAATGGCCGTGCGACCTGCC
 TGCTGTCTCTTCCCGGACACCAAGTAAACCTGTGGAATATCTTGAGGAACAACATTGGCAAAGA
 CCTGTGCAAGGTCTCCATGCCCGTGGAACTCAACGAGCCCTCAACACCTGCGACCTCTGTGAGGAA
 ATGGAATACAGTGAAGTCTGGACAAGGCCTCAGAGACCGACGCCCTACGAGAGGATGGTTCTCGTCG
 CTGCCCTTTCAGTCTCAGGGTACTGTTCCACCTACTTCCGAGCAGGAAGCAAGCCATTCAATCCGGTCT
 GGGGGAGACCTATGAATGCATAAGAGAAGATAAGGGGTTTCGGTCTTCTCAGAACAAGTTAGCCATCAT
 CCACCCATTTCTGCCTGTCACTGTGAATCCAAGAATTTGTGTTTTGGCAAGATATCAGATGGAAAAATA
 AGTTCTGGGAAAAGTCCATGGAATCCTGCCTGTGCGAACCTGAACGTACGCTTCCAAAATATGGGGA
 TTACTATGTGTGAATAAAGTCAACAGTGCATACACAATATCCTGAGTGGGAGGAGATGGATCGAGCAC
 TACGGTGAAGTGACCCTTAGAAATACAAAAGCAGTGTTCGATTTGCAAACTCACGTTTGTCAAGGTGA
 ATTACTGGAACCTCAACGTGAATGAAGTCCAGGGGTGGTGTAGACCAGGAGGGGAAGGTGGTGCACCG
 GCTGTTTGGGAAAATGGCACGAAGGACTCTACTGCGGGTGGCCCCCTCGGCAAAGTGCATCTGGAGACCA
 GGTTCTCTGCCAACCAACTATGAGCTCTACTATGGCTTTACAAGATTTGCTGTGGAGCTCAATGAGTTGG
 ACCCCGCTCTGAAGGACCTCCTTCCCCCAGAGTGCCTGATTCCGGCCAGATCAAAGGTTTTTGGGAAGA
 AGGGAACCTAGAAGCCGAGCCGAGAGAAAACAAGAGTTGAGGAACTCAAAGATCGCGAAGACGCTAC
 ATGGAGGAAAACAACCTTGAACATATACAAAATTTTTTAAAAAGTTATTGATGCAATCAAAGAGAAG
 CCTGGGTTTCAACGACACTACTGGGAGTTCGAAAGGACCCTGGGTTTAGCAAAGTAGACAGCCCGT
 TCTTTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001290733
Insert Size:	2880 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	NM_001290733.1 , NP_001277662.1
RefSeq Size:	8301 bp
RefSeq ORF:	2880 bp
Locus ID:	99031
UniProt ID:	Q8BXR9
Cytogenetics:	2 C3
Gene Summary:	Weakly binds 25-hydroxycholesterol.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, and lacks an alternate in-frame exon in the central coding region, compared to variant 1. The encoded isoform (b) is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.