

Product datasheet for **MC225498**

Osbp16 (NM_001290735) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Osbp16 (NM_001290735) Mouse Untagged Clone
Tag: Tag Free
Symbol: Osbp16
Synonyms: 1110062M20Rik; AI596402; mKIAA4128; ORP-6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225498 representing NM_001290735
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTTCAGACGAGAAGGGCATATCCCCTGCTCATAAAACATCCACTCCGACCCATAGAAGTGCCTCGT
CTTCAACATCTTCTCAGAGGGAAAGCAGACAGAGCATCCACGTTTTGGAGAGAACTGCTTCATCCAGCAC
GGAGCCCTCTGTAGTCGGCAGTTGCTAGAGCCGGAGCCCATCCCCTCTCCAAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001290735

Insert Size: 201 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).



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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_001290735.1](#), [NP_001277664.1](#)

RefSeq Size: 1269 bp

RefSeq ORF: 201 bp

Locus ID: 99031

Cytogenetics: 2 C3

Gene Summary: Weakly binds 25-hydroxycholesterol.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) contains alternate 5' and 3' terminal exons, and it lacks several 3' exons and thus differs in both UTRs and the 3' coding region, compared to variant 1. The encoded isoform (d) has a distinct C-terminus and is significantly 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.