

## Product datasheet for **RN207017**

### **Osbp16 (NM\_001107735) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Osbp16 (NM_001107735) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Osbp16
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207017 representing NM\_001107735  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTTCAGACGAGAAGGGCATATCCCCTGCTCATAAAACATCCACTCCGACCCACAGAAGTGCCTTGT  
 CGTCAACATCTTCTCAGAGGGAAAAGCAGACAGAGCATCCACGTTCTGGAGAGAAGTCTTATCCAGCAC  
 GGAGCCCTCCATCAGTCGGCAGCTGCTAGAGCCGGAGCCCATCCCCCTCTCCAAGGAAGCTGACAGCTGG  
 GAAATTATAGAAGGGCTGAAAATAGGCCAAACCAATGTCCAGAAAACAGACAGGCACGAGGGATTTATGC  
 TGAAGAAGAGAAAATGGCCTTTAAAGGGCTGGCACAAGCGCTTCTTTGTCTGGATAACGGAATGTTAAA  
 GTATTCAAAGGCGCCACTTGACATCCAAAAAGGAAAAGTCCACGGGAGCATAGATGTAGGACTGTCTGTC  
 ATGTGCGATTA AAAAGAAGGCTCGGAGAATAGACCTCGACACAGAGGAGCACATCTATCATTTGAAGGTGA  
 AATCCCAGGACTGGTTTGTATGCCTGGGTCTCCAACTGCGCCACCACAGTTGTACCGTCAGAATGAAAT  
 CGTGAGGTCAACGAGAGACGCCAGTTTCCACATATTTCTGCAACGTCAACAGCTGAGTCTCCCGAGCC  
 GCTAATGTCTCTGTTGTGGATGGAAGATGCAGCCTAGCAGCTTCCATGGCAGTCCCCCTTACCATGCA  
 GTAACAGCCTCCCTGCGACCTGCACGACTGGGCAGAGTAAGGTGGCAGCCTGGCTGCAGGACTCAGAAGA  
 AATGGACCGGTGTGCGGAAGATCTTGACATTGCCAGTCAAACCTTGTGGAACCTAGCAAGCTCCTGCAG  
 AACCTGGAGATACTTCAGAGAAGTCAAGTCCGCTCCTAATTCAGTGCATGCAGGCTAAGTGTGTAGATA  
 TTTCAAAGAAAGACAAGCGGGTCAACAAGACGCTGGAGGACAAAAGTGTGAGCAAGATACAAAAATACA  
 ACTGCAGGTTCTTTTCAAGCGCCACCATGTACCCGTGCGTCTGCACTCCTCAACCCCAACCTTTGTGCA  
 GACATTTAGTTCAGACCCCTCTAGCCACCTCACCGACCTCTGAAAAGTTCACAGATTATACCAAGC  
 TACAAGAAGAATTTTGTCTAATTCGCGAGAAAGTGCATTCTCTTGAAGTCTGCGTTTAAACAGCATAGC  
 TATAGAGAAGGAGAAGCTGAAGCAGATGGTTTCGGAGCAAGATCACAACAAAGGCCACAGCACACAGATG  
 GCCAGGCTCCGACAGTCTGCTGTCACAGGCACTTAAACAGAACGCTGAGCTCCGGAGTCTGACTGAACAGAA  
 TACACTCGGAGTCTACCATTTGTGATCACGTTGTGAGTGTAAATATTATCCCTAGCCCTGATGAGCCTGG  
 TGAGCAGATCCACGCCAACCTCCCCCTGTACAGCAGGTGGTCAACGAGAGCCGCTCTCCATGTCGGAA  
 TCCGTGTCAGAGTTCTTCGATGCCAAGAGGTGCTCCTGTCTGCGAGTTCATCGGAGAATGAGGCTTCCG  
 ATGACGAGTCTACATCAGCGACGTGAGTGACAACATATCTGAGGACAACACCAGTGTGCGCCGACAACAT  
 TTCTCGGCAAATCCTGAATGGGAGCTCACAGGAGGCGCCTTCCGCAATGGCCGTCGAACCTGCCTGCCT  
 GCTCCTTGCCCGGACACTAGTAACATTAACCTGTGGAATATCTTGAGGAACAACATTGGCAAAGACCTGT  
 CCAAAGTCTCCATGCCCGTGGAGCTCAACGAGCCACTCAACACTCTGCAGCACCTCTGTGAGGAAATGGA  
 GTACAGTGAGCTCCTGGCAAAGCCTCGGAGACCGACGCCCTATGAGAGGATGGTTCTCGTCTGCTGCC  
 TTTGCACTCTCAGGGTACTGTTCCACCTACTTCAGAGCAGGAAGTAAGCCGTTCAATCCGGTCTGGGGG  
 AGACCTATGAGTGCATAAGAGAAGATAAGGGGTTTCGGTTCTTCTCGGAACAAGTAGCCATCATCCACC  
 CATTCTGCCTGTCACTGTGAATCCAAGAACTTTGTGTTTGGCAAGATATCAGATGGAAAAATAAATTC  
 TGGGAAAAGTCAATGAAATCCTGCCGTGCGAACCTGAATGTCACGCTTCAAAGTACGGAGATTACT  
 ATGTGTGGAATAAAGTCAACACGTGTATACATAACATCCTCAGTGGGAGGAGATGGATCGAGCATTACGG  
 CGAAGTAACCATTAGAAATACCAAAGCAGTGTGTTGCAATTTGCAAGCTCACATTGTCAGGTTGAATTAC  
 TGGAACTCCAACGTGAATGAAGTCCAGGGGTGGTGTATAGACCAGGAGGGGAAGGTGGTGCACCGACTGT  
 TTGGAAAGTGGCACGAAGGACTCTACTGCGGGGTGGCCCCCTCGGCAAAGTGCATCTGGAGACCAGGTTT  
 TCTGCCAACCAACTATGAGCTCTACTATGGCTTACGAGGTTTGGCGTGGAGCTCAACGAGTTGGATCCA  
 GTCCTTAAGGAGCTCCTTCTCCACAGATGCCCGATTCCGGCCAGATCAAAGATTTTTGGAAGAAGGGA  
 ACCTAGAAGCTGCAGCTGCAGAGAAACAAAGATTGAGGAACTCCAGAGATCGAGAAGACGCTACATGGA  
 GGAAAACAATCTTGAGCACATACAAAATTTTTTAAAAAAGTTATTGACGCAAATCAAAGAGAAGCCTGG  
 GTTTCTAACGACACCTACTGGAACTTCGAAAGGACCTGGGTTTAGCAAAGTAGACAGCCCTGTTCTTT  
 GGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

<b>ACCN:</b>	NM_001107735
<b>Insert Size:</b>	2805 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001107735.1</a></u> , <u><a href="#">NP_001101205.1</a></u>
<b>RefSeq Size:</b>	4038 bp
<b>RefSeq ORF:</b>	2805 bp
<b>Locus ID:</b>	311129
<b>Cytogenetics:</b>	3q24