

## Product datasheet for **RN207329**

### **Osbp12 (NM\_001013079) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Osbp12 (NM_001013079) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Osbp12
Synonyms:	MGC108916
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN207329 representing NM\_001013079  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACGGGGAGGAAGAGTTCTTTGATGCCGTCACAGGCTTTGATTCTGATAATTCTACAGGGGAATTTT  
 CAGAGGCAAATAAAATTACTGGGATGATTGACTTGGATACCAGCAAAAGTACTAGGAGTGGAAAACATGG  
 GGAGAGATCACCAAGAAGAAATGGAATTCAGAAGCACAGGACAGCCCTGCCTGCTCCCATGTTCCACAGA  
 AGTGACTTCAGCGTGTGGAGTATCCTGAAGAAATGCATTGGCTTGGAACTGTCAAAGATCACAATGCCGA  
 TTGCCCTCAATGAGCCCCTGAGCTTCTGCAGCGGATTACGGAGTACATGGAGCATGTGTATCTCATTCA  
 CAGAGCCTCAAACAGTCCCAGCCCCTGGAAAGGATGCAGTCTGTAGCTGCCTTTGCGGTCTCGGCTGTG  
 GCTTCCCAGTGGGAGAGAACTGGCAAACCTTTAACCCGCTCTTGGGGGAGACATATGAGTTGATCAGGG  
 AAGACTTAGGGTTCAGATTTATCTGAGCAGGTCAGTCATCACCTCCTATAAGTGCATTTTATTCAGA  
 AGGTCTCAATCAAGACTTCATGTTCCATGGTTCATCTACCCAAAGCTGAAATTCGGGCAAGAGTGTG  
 GAGGCTGAGCCCCGGGGACCATCACACTGGAAGTCTCAACATAATGAAGCCTACACCTGGACCAACC  
 CCACCTGCTGTGTACACAATGTCATCCTGGGCGAGCTATGGATAGAACAGTATGGGATAGTGGAGATCCT  
 AAATCACAGAAGTGGAGATAAGTGCATACTGCACTTCAAGCCTTGTGGACTGTTCCGGGAAGGAGCTTAC  
 AGAGTTGAAGGGTACATTCAGGACAAGAATAGGAAGAAGCTTTTATAATGTATGGCAAGTGGACAGAGT  
 GCTTGTGGGGCATAGATCCTGTTTCATATGAATCCTTTAAGAAGCAAGAGAAGAGAGGTGACCATGCCAG  
 GAAGGCCAAATCGGATGATGCCCCAGAGAAAGTTAACAGTGATGTGCCTGGCAATATGCCAGATGATGTT  
 CCTGTGGCTCAGGAGACTGTGCAAGTCAATCCCTGGCAGTAAGCTACTCTGGAGGATCAACAGCCGGCCCC  
 CCAACTCTGCTCAGATGTACAACCTCACAGCTTCACTGTGAGTCTCAATGAGTTGGAGTCAAGAAATGGA  
 GAAGACCCTGCCACCCACAGATTGCCCGCTCCGTCCTGACATCCGTGGCATGGAGAATGGCAACATGGAT  
 CTGGCCAGTCAGGAGAAGGAGCGACTAGAGGAAAAGCAGCGAGAGGCCAGAAAAGAACGTGCCAAAGAGG  
 AAGCAGAGTGGCGGACCAGGTGTTCTCTCCAGGCAATAACCCCTACACAGGAGCTCCTGACTGGCTGTA  
 TGCCGGCCATTACTTTGAACGTAATTTCTCAGACTGCCAGACATCTACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001013079
- Insert Size:** 1452 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:**
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\_001013079.1, NP\_001013097.1  
RefSeq Size: 2749 bp  
RefSeq ORF: 1452 bp  
Locus ID: 296461  
Cytogenetics: 3q43