

## Product datasheet for **RN210255**

### **Osbp (NM\_001108927) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Osbp (NM_001108927) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Osbp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN210255 representing NM\_001108927  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGCACACCTGCCGAGGCACCATCAACCTTGCCACAGCCAACATCACTGTGGAAGACTTTGCAACT  
 TCATCATTCCAATGGCGGTGCTCAGACCTACCACTTGAAGGCCAGCTCGGAAGTGAGCGTCAGCGCTG  
 GGTGACAGCCCTAGAAGTGGCCAAGGCCAAGGCTGTGAAGATGCTGGCTGAGTCAGATGAATCAGGAGAT  
 GAGGAGTCTGTCTCACAAGTGAACAAGACTGAGCTCCAGAATACCCTCCGGACACTCTCCAGCAAAGTGG  
 AGGACCTGAGCACGTGCAATGACTTGTAGCTAAACATGGCACCGCCCTGCAGCGTTCCCTCAGCGAGCT  
 GGAGTCTCTGAAGCTGCCTGCTGAGAGCAATGAGAAAATCAAACAGGTCAATGAACGAGCCACACTTTT  
 AGGATAACATCCAATGCCATGATCAATGCCTGCAGAGATTTCTCATGTTAGCCCAGACGCATAGTAAGA  
 AGTGGCAGAAGTCCCTGCAGTATGAACGGGACCAGCGTATCCGACTGGAAGAACTTTGAGCAGCTGGC  
 GAAGCAGCACAATCACCTGGAGAGACCTTCCGGGGAGCCACAGTCTGCCAGCAAACACTCCGGGCAGC  
 ACTGGGTCTGGTAAAGAGCAGTCTGTTCTGGCAAAGGGGACATGAGCGATGAAGATGACGAGAACGAAT  
 TCTTTGACGCACCAGAGATTATCACCATGCCTGAAAACCTTGGGCCACAAACGTAAGTGTAGCAATATCAG  
 TGGAGCCAGCAGTACATCAGCCTTGTGAACAGTACAAGCATCAGCTGGAGGAGACCAAGAAGGAAAAG  
 AGAACCAGAATACCATATAAGCCAACTACAGCCTCAACTTGTGGAGCATCATGAAGAACTGCATTGGAA  
 AAGAGCTCTCTAAGATCCAATGCCGTAACCTTAAATGAGCCCTTGTCCATGCTTCAGCGCCTTACTGA  
 AGTCTGGAATACCATGAGCTGTAGACCGAGCTGCCAAGTGTGAGAATCTCTAGAAGCAGCTCTGCTAT  
 GTGGCAGCCTTCCCGTTTCTCTCTATCCACTACTGTCTCCGAACCAGCAAGCCATTCACCCCTCTCC  
 TTGGGGAGACATTTGAAGTACAGCAGTGGAGGAGAATGGGTATCGATCCCTCTGTGAGCAGGTGAGTCA  
 TCATCCCCCTGCTGCGCACCATGCTGAATCCAAAAATGGCTGGACATTGCGTCAGGAAATTAATAATC  
 ACCAGCAAGTTTCGAGGCAAATACCTCTCCATTATGCCCTTGGTACCATCCACTGCATTTTCCACGCAA  
 CTGGGCACCATTACACTTGGAAAAAGTTACCACAACAGTACACAACATTATTGTGGGCAAGTTGTGGAT  
 AGATCAGTCTGGTGAATGACATTGTAATCACAAGACAGGAGACAAGTGAATCTTAAATTTGTTCTCT  
 TATAGCTACTTCTCGGGATGTAGCAAGAAAGGTGACAGGTGAAGTACAGACCCATCAGGAAAAGTTC  
 ACTTTGCCCTCTGGGACATGGGATGAGAAAAATGGATTGTTTCAAAGTACAACCAGCCTCTGGGAAAA  
 TGGAGGTGATGCTCGGCAGAGAGCCATGAAGCAGAAGAAAGTAGGGTCAATGCTATGGAAGAGGAATCCA  
 TTACCGAAGAATGCAGAAAACATGTACTACTTCTCAGAGCTTGGCCTCACTCTCAATGCCTGGGAAGGTG  
 GCACTGCTCTACAGACAGCCGGCTGCGCCTGACCAGAGACTGATGGAAAATGGGCGCTGGGATGAAGC  
 AAATGCTGAGAAGCAGCTCTGGAGGAAAAACAGCGACTTTCTAGGAAGAGAGAGAAGCAGAAGCTATG  
 AAAGCCACAGAAGATGGCACACCATATGACCCCTATAAAGCACTGTGTTTGGAGCGGAAGAAGGACCCCTG  
 TCACCAAGGAGCTAACCCATGTTTATAGGGGCGAGTACTGGGAATGTAAGGAAAAGCAGGACTGGGGTTC  
 TTGCCAGACATTTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108927
- Insert Size:** 2049 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\\_001108927.1](#), [NP\\_001102397.1](#)

**RefSeq Size:** 4408 bp

**RefSeq ORF:** 2049 bp

**Locus ID:** 365410

**Cytogenetics:** 1q43