

Product datasheet for **RN208273**

Osbp2 (NM_001107232) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Osbp2 (NM_001107232) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Osbp2
Synonyms:	RGD1309479
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208273 representing NM_001107232
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAAAGCGGCCGCTCTAAGCCGAGGCGGCCGCTGCGCTGGCCGCTCCCGGGCTCTCGTCGCTGT
 TCACGGTTGTGCCCTGTCTGTCTGCCACACGGCGGCCGGGCATGAACTCGTCCACGTTGGGCTCAGG
 GCCGGCGCCAAAGCCTCAATTCCAGCCTGTACAGGCACCAGAGCGGGAGTTGCTGTCCGAACAGGTGTGT
 CAGCCAATTTCTGAGCCGAGATCCGAACCTGGGTCCAGACGACGTTTGTGCCACAGCCCTAGGGGCTG
 GGCAGGAATCGGAATCACTGGGATTGTGGCCGGGTCTGGGCCAATACCAAAGCTTCACCAGAGCTGCC
 ATCCCCGCGCGATCAACAGCAGAGAGTTTGCCAAACCCGAGTCTAAGGCGGGCCGAAGACCCAGTCT
 GTTCTGCGACCAGGACAGTCAAAGACTTCTGCCGGGAGTCCAGTGTCCAGGACTAGTGTCCCAATGGTCT
 CACCACCTCTGGACAGCTACAAGGGCTGGCTCTCAAGTGGACTAACTACCTGAAGGGCTACCAGCGCCG
 CTGGTTCGTGCTTGGCAATGGCCTGCTATCCTACTACAGAAACCAGGGTAAAATGGCCACACCTGCCGT
 GGAACCATCAACCTGGCCTCCGCGCACTTCGAAACAGAGGACTCTTGTGGAATCTTGCTATGCAACGGGG
 CAAGGACCTACCACCTCAAGGCCAGCTCAGAGGTGGACCGTCCAGCAATGGATCACCGTTCTGGAGTTGGC
 CAAGGCCAAGGCTATCCGTGTGATGAACACTCAGTCAGATGACTCTGGGACGACGACGAAGAGCCTGCT
 GCCCCTGCTGACAACAGTGTCTCCACCACACTTTAAGACCCTCTCACTGAAGCTAGACGACCTCGGCA
 CGTGCAATGACCTCATTGCCAAGCATGGCGCTGCCCTCCAGCGCTCCCTGAATGAGCTGGACAGTCTTAA
 GATCCCATCAGAGAGTGGGGAGAAGCTGAAGTTGTGAACGAGCGGGCCACCCTCTCCGCATCATATCA
 AATGCTATGATCAACGCCTGAAGGACTTCTGAACTAGCGGAGATTACAGCCGAAAATGGCAGCGGG
 CTCTGAAATATGAGCAGGAGCAACGAGTCCACCTGGAGGAAACCATGAGCAGTTGGCCAAAGCAGACAA
 CAGTCTTGAACGGGCCTTCTGCAACACCCTGGCGGGCCAGCCAGCTCCAGCAAGAGCTTACAGCAGGGGA
 AGCTTCTTGACTTCCAAAGGGGAGAACAGTGAAGAAGATGAAGATACTGAGTACTTTGATGCCATGGAAG
 ACTCCACATCTTTCATCACCGTAATCACCGAGGCCAAGGAAGACAGAAAGCCTGAGGGTGGACCTGGGAC
 GACCTCTGTGGACTGGACCTCAGCAGATAATGTATTAGATGGTGCCTCATTATGCCCAAGGATTATGTC
 AAAGTGAAGAGGCGAGTCCGGATCCCTGACAAACCCAATATAGCCTAACCTCTGGAGCATCATGAAGA
 ATTGCATTGGCCGAGAGCTCTCCGGATCCCCATGCCGGTGAACCTCAATGAGCCCTGTCCATGCTCCA
 GCGACTTACAGAGGACCTCGAGTACCACCCTGCTGGACAAGGGCGTGAACCTGCACCAGCTCTGTGGAG
 CAGATGTGCCTGGTGGCTGCCTTCTCGGTGCTCCTACTCCACCACCGTGCACCAGCTCGCCAAGCCCT
 TCAACCCGATGCTGGGGGAGACCTTCGAGTTGGATCGCCTGGAGGACATGGGCCTGCGTTCTCTCTGCGA
 GCAGGTGAGCCATCACCCCCGCTGCTGCCACCACGTGTTCTTAAGCATGGCTGGAGCCTCTGGCAG
 GAGATCACCATCGCCAGCAAGTCCGGGGGAAATACATCTCCATCATGCCACTTGGTGCCATCCACCTCG
 AATTCCAGGCCAGTGGCAATCACTACGTGTGGAGGAAGAGTACCTCCACTGTGCACAACATCATCGTGGG
 CAAGCTCTGGATTGACCAGTCCAGGGACATTGAGATTGTGAACCACAAGACCAAGGACCCGGTCCAGCTG
 AAGTTCGTGCCCTACAGTACTTCTCCAAAGAGGCAGCCGAAAGGTGACTGGAGTGGTGGAGCGACAGCC
 AGGGCAAAGGCCACTACGTGCTGTCCAGTTCTGGGATGAGCAGATGGAGTGTCTAAGATTGTGCACAG
 CAGCCCCAGCTCTGATGGGAAGCAGAAAACCGTGTACCAGACGCTGCCAGCCAAGCTGCTATGGAGGAAA
 TACCCACTGCCGAGAACGCGGAGAACATGTACTATTTCTCGGAGCTGGCCCTGACCCTCAACGAGCAGG
 AGGAGGGCGTGGCGCCACCAGCAGCCCTGCGGCCGACCAGCGGCTGATGGAGAGGGCCGCTGGGA
 CGAGGCCAACACCGAGAAGCAGCGCCTGGAGGAGAAGCAGCGCCTGAACCGGCGACGGCGCTGGAGTCG
 TGCACGGCCGGCTGTGGCGGGGAGGAAGAGAAGGAGTCAAGTGGCTATTCGCCGCTGTGGTTCGAGAAGA
 GGCTGGACCCGCTGACCGGGGAGATGGCCTGCATATAAAGGGCGGCTACTGGGAGGCCAAGGAGAAGAA
 GGACTGGCACATGTGCCCAACATCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001107232

Insert Size:	2691 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:	<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:	<u>NM_001107232.1, NP_001100702.1</u>
RefSeq Size:	3952 bp
RefSeq ORF:	2691 bp
Locus ID:	305475
Cytogenetics:	14q21