

## Product datasheet for **MR210492**

### **Osbp11 (NM\_176840) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Osbp11 (NM_176840) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Osbp11
Synonyms:	9430097N02Rik; A1132306; AU019795; ORP-11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR210492 representing NM\_176840  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACCTTTGAGTTAAGATGCAGGGAGGTGAGCCGGCATCGGTGATGAAAGTCTCCGAGAGTGAAGGGA  
 AGCTGGAGGGCTTGCCACAGCAGTGACCCGAACAAGAACAGCGCAACAGCAGCTGTGGGGTGCAT  
 CAGCAGTAGCAGCAGCAACAGCAGCCGGTGGCAGTGCGAAAGGCTGGCAGTACAGTGACCACATGGAG  
 AGTGTTAATGGCTATTTAATGAAGTACACCAACCTTGTCACCGGGTGGCAGTACAGTGTGTTTAA  
 ACAATGAAGCTGGGCTGTGGAGTACTTTGTAATGAACAGTCTAGAAATCAGAAACCCAGAGGGACTTT  
 GCAGCTTGCAGGGGCGGTGATCTCTCCAGCGATGAGGACTCGCACACCTTCACAGTGAATGCCGCCAGC  
 GGGGAGCAGTATAAACTCAGAGCCACAGATGCTAAAGAGCGGCAGCATTGGGTGAGCAGACTTCAGATAT  
 GTACACAGCACACGGAAGCTATTGGAAGAATAACCTCCCCTGAAGTCCCGGAGCTTCTCGCTGGC  
 ATCTAGTGGTAATTCTCCATATCCAGCGGAGACCAAGTCAGAATGCCATGCTTTTTTTAATGTTGGA  
 CATTCCAAACTGCAGTCAGTCAACAAAAGAGCCATTTGCATCCAGACCTCTGGTGGAGGTCAGAGAAA  
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 TCTCAGTTCCTGGACCAGGACCTTTGATGCTTAAAGCTACTTCCATGGCAACTATGAACTGCTTAAAT  
 GACTGCTTTCACATTCTGCAGCTGCAGCATGCCTCACACCAGAAGGGTGCAGTGCCTCAGGGACAACAA  
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 CTTGAAGACATCAATGCAGATGATGAGGTAGAGGACACCTGTGACAACAAGGAGGATGACCTGGGGCCG  
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 GCCATCACTGATCATGCTCCTCTGCCGGAGGAGCTCCGACCCAGAGTGTCTCAGACTGCTACACTGTCA  
 GATTTCGTTGCTGAGCAGGTTTCCATCATCCTCCAGTCTCAGGATTTTATGCAGAATGTGCAGAAAGGAA  
 GATGTGTGTAATGCACATGTCTGGACTAAAAGCAAGTCTTGGGCATGTCAATAGGTGTGACAATGGTT  
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 AAATACAACCTTACCAACTGTGGTGTGCAGAGTCCAGGGGGAATGGAACAGCGTCTGGAGTTACCT  
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 AAACAGGCACACCCTGGAAAACCAATATTTTATAAAGAGGGAGATGGCTGGGTGTATCACAACCCCT  
 GTGGAAGGAATTCCATCACAACCAGCTGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR210492 representing NM\_176840  
 Red=Cloning site Green=Tags(s)

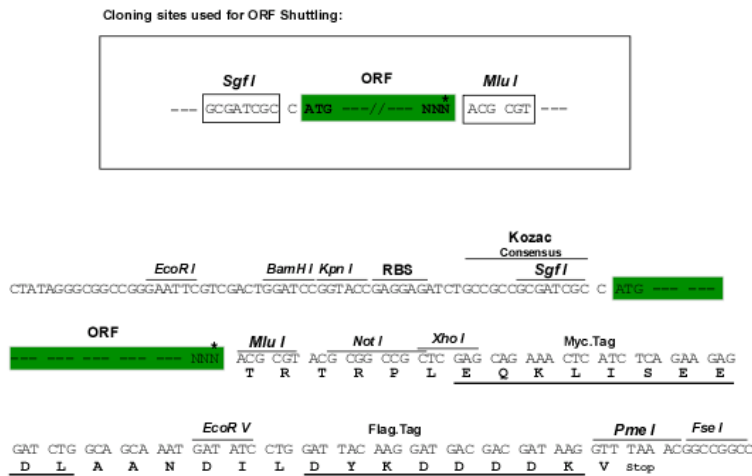
MNFGVKMQGGEPASVMKVSESEKLEGLATAVTPNKNSGNSSCGGAISSSSNSSRGGSAKGWQYSDHME  
 SVNGYLMKYTNLVTGWQYRFFVLNNEAGLLEYFVNEQSRNQKPRGTLQLAGAVISPSDEDSHTFTVNAAS  
 GEQYKLRAIDAKERQHWVSRQLICTQHHTEAIGKNNPPLKSRFSLASSGNPISQRRPSQNAMSFNVG  
 HSKLQSVNKRAHLHPDHLVEVREMMSHAEGQQRDLIRRIECLPASGLLSSLDQDLLMLKATSMATMNCLN  
 DCFHILQLQHASHQKALPSGTTIEWLEPKIPLSNHYKNGAEQPFATEPNKPMGAPEAQCVAESGLVARE  
 PEDINADDEVEDTCDNKEDDLGAVEEQRSVILHLLSQLKLGMDLTRVVLPTFIFILEKRSLLEMYADFMSPH  
 DLFIGITNGATPEDRMIRFVEYYLTSFHEGRKGAIAKKPYNPIIGETFHCSWRMPKSEVASGVSSSSSTP  
 AITDHAPLPEEAPTQSVSDCYTVRFVAEQVSHPPVSGFYAECAERKMCVNAHVWTKSKFLGMSIGVTMV  
 GEGVLCLEHGEEYTFSLPCAYARSILVTPWVELGGKSVNCAKTGYSASITFHTKPFYGGKLRHVTAEV  
 KYNL TNTVVCRVQGEWNSVLEF TYSNGETKFDLAKLAVTKKRV RPLEKQDPFESRRLWKNVTDLSLRESE  
 IDKATEHKRSLEERQRTEERLR TETGTPWKTKYF IKEGDGWVYHKPLWKGIP SQPAE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9048\\_a03.zip](https://cdn.origene.com/chromatograms/mm9048_a03.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_176840

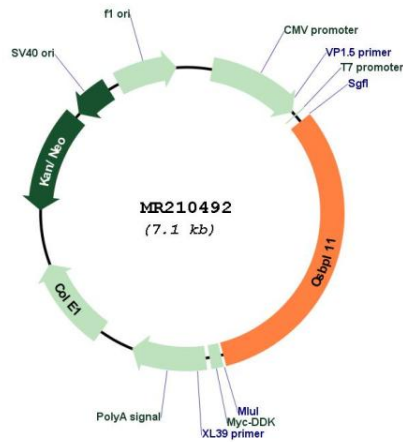
**ORF Size:** 2271 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<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>NM_176840.3, NP_789810.2</u>
<b>RefSeq Size:</b>	4521 bp
<b>RefSeq ORF:</b>	2274 bp
<b>Locus ID:</b>	106326
<b>Cytogenetics:</b>	16 B3
<b>MW:</b>	84.8 kDa

**Product images:**



Circular map for MR210492