

## Product datasheet for **SC127783**

### **OSBPL11 (NM\_022776) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	OSBPL11 (NM_022776) Human Untagged Clone
Tag:	Tag Free
Symbol:	OSBPL11
Synonyms:	ORP-11; ORP11; OSBP12; TCCCIA00292
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_022776, the custom clone sequence may differ by one or more nucleotides

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ATGCAGGGGGGTGAACCAAGTGTCCACAATGAAAGTCTCGGAGAGCGAAGGAAAGCTGGAGGGCCAGGCCA
CAGCGGTGACCCCGAACCAAGAACAGCAGCTGTGGAGGTGGAATCAGTAGCAGCAGCAGCCGCGGTGG
CAGTGC AAAAGGCTGGCAGTACAGTGATCACATGGAAAAATGTGTATGGCTATTTAATGAAGTATACCAAC
CTTGTCAGTGGGTGGCAGTACAGTTTTTTGTTTTAAACAATGAAGCTGGGCTGTTGGAGTACTTTGTGA
ATGAACAGTCTAGAAATCAGAAACCTAGAGGAACCTTGCAGCTTGCAGGAGCTGTAATATCACCCAGTGA
TGAGGATTCTCACACCTTCACTGTA AACCTGCCAGTGGGGAACAATATAAACTCAGAGCTACAGATGCA
AAAGAGCGACAGCACTGGGTTAGCAGACTTCAGATATGTACACAGCATCATACTGAAGCTATTGGAAAGA
ATAATCCTCCTCTGAAGTACGGAGCTTCTCACTTGCATCTAGTAGTAATTCTCCTATATCGCAGAGGAG
ACCAAGTCAAAAATGCCATTTCTTTTTAATGTTGGACATTCCAACTGCAATCACTGAGCAAAAAGAACT
AATTTACCTCCAGACCATCTTGTGGAAGTCAGAGAAATGATGTCTCATGTGAAGGACAACAAAGAGACT
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TCACATCAGAAGGGCTCATTGCCTTCAGGAACGACAATCGAGTGGTTAGAACCAAGATATCTTTATCAA
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TGTCACAGCTTAAGCTGGGCATGGATTTAACAAGAGTGGTGTCTTCTACATTTATCCTAGAGAAGCGTTC
CTTGCTGGAAATGTATGCAGACTTTATGTCTCATCCAGACCTATTTATAGCCATCACTAATGGAGCCACA
GCTGAGGACAGAATGATTCGCTTTGTTGAGTACTACCTTACCTCATTTCATGAAGGCCGTAAGGGAGCCA
TTGCTAAAAAACCATACAATCCTATCATTGGAGAAACATTTCACTGTTCTGGAAGATGCCAAAAAGCGA
GGTAGCATCCAGTGT TTTTAGCAGTTCCTCCACCCAGGGAGTCACAAATCATGCTCCTTTATCGGGGGAG
TCTTTGACCCAGGTGGGATCAGACTGTTACACAGTCAGATTTGTTGCTGAGCAGGTTTCTCATCATCCTC
CAGTCTCAGGATTTTATGCAGAATGTACAGAGAGGAAGATGTGTGTAATGCGCATGTCTGGACTAAGAG
CAAGTTCTTAGGCATGTCAATAGGCGTGACAATGGTTGGAGAAGGTATCCTTAGTCTGTTGGAGCATGGA
GAAGAGTACACATTTTCTACCTGTGCATATGCTCGGTCAATTTTGACTGTTCTTGGGTAGAACTGG
GTGGCAAAGTCAGTGTCAACTGTGCAAAAATGGATATTCAGCCAGCATCACTTTTCATACCAAGCCATT
TTATGGTGGCAAATGCATCGGGTTACAGCTGAAGTAAAGCACAAATCACCACACTGTGGTATGCAGA
GTGCAAGGGGAATGGAATAGTGTCTTGAGTTCACATATAGCAATGGAGAGACAAAGTATGTGGACTTGA
CTAAATGGCAGTGACGAAGAAAAGAGTGAACCTCTGGAGAAGCAGGATCCATTTGAATCCAGGCGATT
GTGAAAAAATGTGACAGACTCGCTGAGAGAATCTGAAATTTGATAAGGCCACAGAGCATAAGCATACCTG
GAAGAAGTCCAGAGGACTGAAGAAAGGCATCGTACTGAAACAGGCACACCTTGGAAAACCAATATTTTA
TTAAAGAGGGAGATGGCTGGGTTATCATAAACCACTTTGGAAAAAATTTCCAACAACACAACCAGCAGA
GTGA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_022776 unedited</p> <p>TGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGAGAGATCATGTGAAG  GATATCTGTCTCCTCGTTGCTTCCCCTGCCCTCTCAAAGTTAACTTCTGTGGGAATGTGT  ATCTTCCTTTTCTGGACATTTGACAGTCCCGCCCAGCCGCGGTGTGATTTAGCAACCG  GTATCATATTCAGATCAAATCTTAAAAAAAAAAGTCACCTACAGAACTACAGAATTGTT  CTCTCCCGCTCAAGAAGGGCAAGTGGACTTTGGCGTTAAGATGCAGGGGGTGAACCAGT  GTCCACAATGAAAGTCTCGGAGAGCGAAGGAAAGCTGGAGGGCCAGGCCACAGCGGTGAC  CCCGAACAAGAACAGCAGCTGTGGAGGTGAATCAGTAGCAGCAGCAGCAGCCGCGGTGG  CAGTGCAAAAGGCTGGCAGTACAGTGATCACATGAAAAATGTGTATGGCTATTTAATGAA  GTATACCAACCTTGTCACTGGGTGGCAGTACAGTTTTTTTGTTTTAAACAATGAAGCTGG  GCTGTTGGAGTACTTTGTGAATGAACAGTCTAGAAATCAGAAACCTAGAGGAACTTTGCA  GCTTGACAGGAGCTGTAATATCACCCAGTGTGAGGATTCTCACACCTTCACTGTANACGC  TGCCAGTGGGGAACAATAAACTCAGAGCTACAGATGCAAAAAGCGCAGCAGCTGGGT  TAGCAGACTTCAGATATGTACACAGCATCATACTGAAGCTATTGAAAAGAATAATCCCTC  TCTGAAGTACGGGAGCTTCTCACTTGCATCTAGTAGTAATTCTCCTATATCGCAGAGGA  GACCAAGTCAAATGCCATTTCTTTTTNNTATGTTGACATTNNCAACTGCATCACTGAGC  AAAAGACTT</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_022776 unedited</p> <p>AATTTTTACTNTGNNACCGGCCGCAANCTANGATCGAGTTTTTTTTTTTTTTTTTTTGT  TTGTTCTAGTTTTATTATTTGGTCAATTGTTCCCAACACAGGAACTATAACTCATTTT  GAGGATTTTTTTCAGTGCATTTACAGCAAAAATGAACAAGGGAATCATTAAAATTGTTG  TACACAAACCAACTCTTTTTCTTATAATTTACAATTTGTGTGAAAAAATTATTGTTTTGC  TGTTTTCATCCTACTAACCTCTTTAACGAAACACAATTTATCAGAGCACAAAGCTTAAAC  TTCTTATGATGATGCAACAGACACAGCCACCTACAATGGCTGATAAAACAACAGGTATGTT  ACACACACTGATTGGAAGACCATATCAGAAAAACAGAGTAAGGCACCACTCTTGGGAAA  TTAAGGTAGCTTGCGATAACAAGTGTGAGCACCATAAAGTAGGTGCTCAATAAATAC  ATGAATGAATGATGAAAGCCATAATTAGCTCTATTCTTTAATTGCCAGCAATTCCTCAA  CCTCAACAAAATACTTATTTAAAAAAGATTTGTACCTGAATACAACCTCCTGATCTTTT  TTTCTGATACCTTTTCATTTTCGTTGTTTCTTTAGCATTTAAATTTCTCAAAAAAAAAA  AAAATAAATAAAACCATACCTTACATGCGCGTTACAGTTACACATATAAGTTTTGAATTAC  TGACAAATATGAAATAGAATCATTTATTTAATTTTAAACAGAGGTAAAAAAGCATAAC  TTATCCAAAGGGATAACACATAACTGGATATTAACCTAAAGGTGAAAAAGAAAAAGGA  AAAAAGTAACAGTTTTATTTTTAAAAATTGCCATTTTCTTTAAGGCCTAATTCCTGGA  GAAAGCTAATATT</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_022776
<b>Insert Size:</b>	4000 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).

**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\\_022776.3](#), [NP\\_073613.2](#)

**RefSeq Size:** 4206 bp

**RefSeq ORF:** 2244 bp

**Locus ID:** 114885

**UniProt ID:** [Q9BXB4](#)

**Cytogenetics:** 3q21.2

**Domains:** Oxysterol\_BP, PH

**Gene Summary:** This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Like most members, the encoded protein contains an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. [provided by RefSeq, Jul 2008]