

## Product datasheet for **SC110751**

### OSBPL6 (NM\_032523) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	OSBPL6 (NM_032523) Human Untagged Clone
Tag:	Tag Free
Symbol:	OSBPL6
Synonyms:	ORP6
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM\_032523, the custom clone sequence may differ by one or more nucleotides

```
ATGAGTTCAGATGAGAAGGGCATTCCCTGCTCATAAAACATCCACTCCAACCCATAGAAGTGCCTCCT
CTTCAACATCCTCCCAAAGGGACAGTAGGCAGAGTATTACATACTGGAGAGGACTGCTTCTCTAGCAC
CGAGCCCTCTGTAAGTCGGCAATTGCTAGAACCGGAGCCAGTCCCCTCTCCAAGGAAGCTGACAGCTGG
GAAATTATAGAAGGGCTGAAAATAGGCCAAACCAATGTCCAGAAACCAGACAAACATGAGGGCTTTATGC
TGAAGAAAAGAAAATGGCCTTTAAAAGGCTGGCACAAGCGTTTTTTTTGTCTGGATAATGGAATGTTAAA
GTATTCAAAGGCACCACTCGATATTCAGAAAGGAAAGTCCATGGGAGCATAGATGTGGGACTCTCAGTC
ATGTCAATTA AAAAGAAAGCTCGAAGAATAGACCTTGACACCGAAGAGCACATCTATCATTTGAAGTGA
AATCCCAGGACTGGTTTGATGCATGGGTCTCAAACCTGCGACATCATCGTTGTATCGTCAGAATGAAAT
TGTGAGATCACCAGAGATGCTAGTTTTACATATTTCTTCAACGTCCACAGCTGAATCCTCACCAGCT
GCTAATGTTTCTGTAATGGATGGAAAGATGCAACCAAACAGCTTCCGTGGCAGTCCCCTTACCATGCA
GCAATAGCCTCCCTGCAACGTGCACAACGGCCAGAGTAAAGTGGCAGCCTGGTTACAGGACTCGGAAGA
GATGGACAGGTGTGACAGAAGATCTTGACATTGCCAGTCAAACCTTGTGGAACCTTAGCAAACCTCGCAA
AATTTGGAAATACTTCAGAGAATCAGTCGGCACCTAACTTTACTGACATGCAGGCTAACTGTGTAGATA
TTTCAAAGAAAGACAAGCGGGTCAACAGACGATGGAGAACA AAAAGTGTGAGCAAAAGATACAAAAATACA
ACTGCAGGTTCTTTTCACTGCTACCATGTCACCACTTCGCTTGCATTCTCCAACCCCAACCTTTGTGCA
GATATTGAATTTTCACTCCCTTAGCCACCTCACTGACCCTCTGGAAAGTTCAACAGATTATACAAAGC
TGCAAGAAGAATTTTGTCTAATCGCACAGAAAGTGCATTCTCTTTTGAAGTCTGCATTTAATAGCATAGC
TATAGAGAAGGAGAAGCTGAAGCAGATGGTTTCCGAGCAGGATCACAGTAAAGGCCACAGCAGCAGATG
GCACGGCTCCGACAGTCACTGTCTCAGGCACTCAACAGAAATGCTGAACATAAGGAGTCGGTTGAACAGAA
TACATTACAGAGTCTATTATTTGTGATCAGGTTGTCAAGTAAATATTATTCTAGCCCTGATGAGGCTGG
TGAGCAAATCCATGTCAGTCTCCCTTATCACAGCAAGTAGCCAATGAGAGCCGCTCTCCATGTACAGAG
TCTGTTTCTGAGTCTTTGATGCCAAGAGGTGCTCCTCTCTGCAAGTTCGTGAGAGAATGAGGCTTCAG
ATGATGAGTCTTACATCAGTGTGTGAGTGATAATATATCTGAAGACAACACCAGTGTGACAGACAATAT
TTCTCGGCAAATCCTGAATGGGAGCTTACAGGAGGGGCTTCCGAAATGGGCGTCGAGCATGCCTGCCA
GCTCCTTGTCTGACACCAGTAACATTAACCTGTGGAATATCTTGAGGAACAACATTGGTAAAGACCTGT
CTAAAGTCTCTATGCCTGTGGAGCTAAACGAGCCGCTCAACACCCTGCAGCACCTCTGTGAGGAAATGGA
ATACAGCGAGCTCCTGGACAAGGCTTCGAAACTGATGATCCATATGAGCGCATGGTTCTCGTTGCCGCA
TTTGCAGTTTCAAGATACTGCTCCACCTATTTCAAGAGCAGGAAGTAAAGCCATTCAACCCAGTCTTGGGG
AGACTTATGAATGCATTAGAGAAGACAAGGATTCCGCTTTTTCTCAGAACAGGTTAGCCATCATCCACC
CATTTCTGCCTGTCACTGTGAATCAAAGAATTTTGTGTTTTGGCAAGATATCAGATGGAAAAACAAGTTC
TGGGGGAAGTCGATGGAATCCTGCCTGTTGGAACACTGAATGTCATGCTTCAAAGTATGGAGATTACT
ATGTGTGGAATAAAGTCAACCTTGATACACAACATCCTCAGTGGGAGAAGATGGATAGAACATTATGG
AGAAGTAAACATCAGAAATACAAAAGCAGTGTGTTGCAATTTGCAAACCTCACATTTGTCAAGGTGAATTAT
TGAATTTCAACATGAATGAAGTCCAGGGGTGGTGATAGATCAGGAGGGGAAGGCGGTGTACCGGCTGT
TTGAAAGTGGCATGAAGGACTCTACTGTGGTGTGGCCCTCTGCAAAGTGCATTTGGAGACCAGGTTT
CATGCCAACAAACTATGAGCTGTACTATGGCTTACAAGGTTTGTCTATTGAGCTCAATGAGTTAGATCCA
GTACTAAAAGATCTCCTTCCACCAACAGACGCCGGTTCCGCCAGATCAAAGATTTTTGGAAGAAGGAA
ATTTAGAAGCTGCAGCATCAGAGAAGCAAAGAGTAGAGGAACTCCAGAGATCTCGGAGACGATATATGGA
AGAAAACAATCTTGAACATATACAAAATTTTTTAAAAAAGTTATTGATGCCAATCAAAGAGAAGCCTGG
GTTTCTAACGACACCTACTGGGAGCTTCGAAAGGACCCTGGGTTTAGCAAAGTAGACAGCCCTGTTCTTT
GGTAG
```

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_032523 unedited  
 TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGAAAAACATATCATGT  
 CCCAAGGAGAAAAGCTGCAGGCATCTGAGGATAAATCACTGTGAAACAGCTTTGACCATA  
 AAGCTGACTTGGAAGACTTTGACTCCAAGGTGCAAGGTGGTTTGGACACCCTCAATATTG  
 CCTGCTCTTTTCTAGTCAAACCTGATTCATGAAATGGAATGAAGCTGAAAAATCATCTAC  
 TTCTTTGTTTGTGGATTTGAGAGAAGATTGGGATGGTCTTAAGTGCATAAAAACGAGACTC  
 TAACTGCAGCGATGAGTTCAGATGAGAAGGGCATTCCCCTGCTCATAAAAACATCCACTC  
 CAACCCATAGAAGTGCCTCCTCTTCAACATCCTCCCAAAGGGACAGTAGGCAGAGTATTC  
 ACATACTGGAGAGGACTGCTTCCCTCTAGCACCGAGCCCTCCGTAAGTCGGCAATTGCTAG  
 AACCGGAGCCAGTCCCCCTCTCCAAGGAAGCTGACAGCTGGGAAATTATAGAAGGGCTGA  
 AAATAGGCCAAACCAATGTCCAGAAACCAGACAAACATGAGGGCTTTATGCTGAAGAAAA  
 GAAAATGGCCTTTAAAAGGCTGGCACAAGCGTTTTTTTTGCTGGATAATGGAATGTAA  
 AGTATTCAAAGGCACCACTCGATATTGAGAAAGGAAAGGTCCATGGGAGCATAGATGTGG  
 GACTCTCAGTCATGTCAATTAAGAAAGGCTCGAAGAAATAGACCTTGACACCNAGAAG  
 GCACATCTATCATTNGAANGGTGAAATCCAGAAGTGGNTTGATGCATGGGTCTCCAAC  
 TCGCNACATCATCGGNTGTATCGTCAGATGAAAATGTGAGATCACAGAGATGCTAGTTT  
 CACATATTTT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_032523 unedited  
 ACTATGGACGCGGCCGAATCTAGGAACGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  
 TTTAAGGAATATGGTTGCAGCAAAAACAAAAGGATCCCAAAGTGGTTAGGGGCCCTTGCT  
 AATGCACCTTCTGAAAGTCCATTATAAAGATGAATAGAAAAGCAAATGGTAGGTTTTTCAGT  
 TGACCCAGAAACCACACATAGCTATAAGAAACATAAATTGGGCATAGTTATTTATTCATTC  
 AAAATGGGATATGTTGGCTAGCTCTACATTCACAGTCTACCAAAGAACAGGGCTGTCTAC  
 TTTGCTAAACCCAGGGTCTTTTCGAAGCTCCCAGTAGGTGTCGTTAGAAACCCAGGCTTC  
 TCTTTGATTGGCATCAATAACTTTTTTAAAAAATTTTGGTATATGTTCAAGATTGTTTTT  
 TTCCATATATCGTCTCCGAGATCTCTGGAGTTCCTCTACTCTTTGCTTCTCTGATGCTGC  
 AGCTTCTAAATTCCTTCTTCCAAAAATCTTTGATCTGGCCGGAACCGGGCGTCTGTTGG  
 TGAAGGAGATCTTTAGTACTGGATCTAACTCATTGAGCTCAATAGCAAACCTTGTGAA  
 GCCATAGTACAGTCAATAGTTTGTGGCATGGAACCTGGTCTCCAAATGCACCTTTGCAGA  
 GGGGGCCACACCACAGTAGATCCTTTCATGCCACTTTCCAAAACCCGGTACACCCGCTTC  
 CCTCCTGATCTATACCACCCCTGGACTTCATTGATGTTAGAATTCCAAATATTACCTT  
 GACAATGTGAGTTNNGCAATGCAACACTGCTTTGGTATTCTGATGGTAACTCCCCATAA  
 GGTCTACCATCTTCTCCACTGAGATGTTGGTATGCAAGGGTGACTTATCCACATAGAA  
 TTCCTACTTGAAGCTGAATNCAGGTTCCAGGCAGATTCTCGACTTCCCAAC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_032523

**Insert Size:**

3320 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\\_032523.2](#), [NP\\_115912.1](#)

**RefSeq Size:** 3794 bp

**RefSeq ORF:** 2805 bp

**Locus ID:** 114880

**UniProt ID:** [Q9BZF3](#)

**Cytogenetics:** 2q31.2

**Domains:** Oxysterol\_BP, PH

**Gene Summary:** This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. Transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]  
Transcript Variant: This variant (1) represents the predominant transcript. It encodes isoform a which contains both a pleckstrin homology domain and a sterol-binding domain. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.