

Product datasheet for **SC329081**

OSBPL10 (NM_001174060) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSBPL10 (NM_001174060) Human Untagged Clone
Tag:	Tag Free
Symbol:	OSBPL10
Synonyms:	ORP10; OSBP9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001174060, the custom clone sequence may differ by one or more nucleotides

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ATGGAGAGGGCAGTCCAGGGCACAGACGGCGGGGGGTAGCAACAGCAGCAGCCGCAGC
AGCAGCCGTGCTACCTCGGCGGGCTCCTCGCCCTCTGCTCTCTGGCGGGCCGGGGGTC
TCCAGCCGGTCGGCGGCGCCGGGCTCGGCGGCGGGGAAGCCGAGCAGCCCGGGCTCT
GTGGCCGCTAGCCCGTCCGGGGAGGCGGCCGAGGAGGGAGCCGGCGCTCGAGGGCGTG
CTCAGCAAATACACCAACCTCCTCCAGGGCTGGCAGAACAGTACTTCGTAAGTTTC
GAGGCTGGCATCCTGCAGTATTTTGTGAATGAGCAAAGCAAACACCAGAAGCCTCGAGGA
GTCCTGTCTTTATCTGGAGCCATAGTGTCCCTGAGCGATGAAGCTCCCCACATGCTGGTG
GTGTAAGTCTGCTAATGGAGAGATGTTTAAACTGAGAGCTGCTGATGCAAAAAGAGAAACAA
TTCTGGGTGACTCAGCTTCGAGCTTGCCAAATACCACATGGAATGAATTCTAAGATG
ATGAACCAGGTGGAAGGGCAGCAGAAGAACCTTGTGCACGCCATTGAGTCCCTGCCAGGG
TCCGGCCCCCTACTGCCTTGGACCAGGACCTGCTGCTCCTGAAAGCTACCTCTGCTGCC
ACCCTCAGCTGCCTTGGGAGTGCCTCACTTGTACAGCAGAGTGTGCACCAGGCGGGC
CAGCCCAGCCAGAAGCCAGGAGCCTCGGAAAACATCCTGGGATGGCAGGGTCCAAGTCA
CATTCCACAGAGCAGCTGAAAAATGGGACACTTGGCTCTTTGCCATCAGCCAGTGCCAAC
ATAACCTGGGCAATTTTACCAAACCTCTGCTGAAGACGAACAAACCTCACAGCCAGAGCCA
GAGCCAAACTCAGGCTCTGAATGGTTTTGTCTGAAGTGAAGGAGTGAACAATGAAGAT
AAGGAAGAGACGGAATTGGGCGTCATGGAGGATCAGCGTAGTATAATTCTTCATCTCATT
TCACAACCTCAAACCTTGAATGGATTTGACCAAGGTGGTGTCTCCACCTTTATCTGGAG
AAGCGATCTTTGCTGGAGATGTATGCAGATTTTCATGGCGCACCCAGACCTACTGCTGGCC
ATCACCCTGGGGCCACACCAGAGGAGAGAGTCAATTTGCTTCGTTGAGTATTATCTCACA
GCCTTTTACGAGGGCCGCAAGGGCGCTTTAGCCAAGAAGCCCTACAACCCCATCATAGGC
GAGACATTTCACTGCTCCTGGGAAGTTCCCAAGGACAGGGTCAAGCCTAAGAGGACTGCT
TCCCGCTCTCCTGCCAGCTGTACGAACACCCAATGGCCGATGACCCTTCCAAAAGCTAC
AAACTAAGGTTTTGTGGTGTGAGCAAGTGTCCCATCACCCACCCATCTCCTGCTTCTACTGT
GAGTGGCAGGAGAAGAGACTGTGCGTCAACACTCATGTATGGACCAAAAGCAAGTTCATG
GGCATGTCCGTGGGGTCTCTATGATAGGGGAAGGTGTGTTGAGGCTCCTGGAACACGGG
GAGGAGTACGTATTCACCCTGCCTAGTGCCTACGCCCGGTCCATTCTCACCATCCCGTGG
GTGGAGCTCGGAGAAAAGTCAGCATCAACTGTGCCAAGACTGGGTAAGTACTCAGCGACAGTG
ATATCCACACGAAGCCTTTCTATGGAGGAAAGTCCACAGGGTTACCGCAGAAGTGAAG
CACAACCAACCAACACCATTGTTTGTAAAGCCATGGGGAATGGAATGTAAGTACTTTAGAG
TTCACCTACAACAATGGAGAAAACAAAGTCATCGACACAACCACACTGCCAGTGTATCCC
AAGAAGATCAGACCTCTTGAGAAGCAGGGACCCATGGAGTCCAGGAACCTCTGGCGGGAG
GTGACCCGATACCTGCGGCTGGGGGACATTGACGCAGCCACCGAGCAGAAGCGGCACCTG
GAGGAGAAGCAACGGGTGGAGGAACGGAAGCGCGAGAACCTCCGCACACCATGGAAGCCC
AAATATTTTATCCAGGAGGGCGATGGCTGGGTACTTCAATCCCCTCTGGAAAGCACAC
TGA
    
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Restriction Sites: Please inquire

ACCN: NM_001174060

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001174060.1</u> , <u>NP_001167531.1</u>
RefSeq Size:	4039 bp
RefSeq ORF:	2103 bp
Locus ID:	114884
UniProt ID:	<u>Q9BXB5</u>
Cytogenetics:	3p23
Gene Summary:	<p>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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the central coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1.</p>