

## Product datasheet for **RC235011**

### OSBPL6 (NM\_001201481) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	OSBPL6 (NM_001201481) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	OSBPL6
Synonyms:	ORP6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC235011 representing NM\_001201481  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTTCAGATGAGAAGGGCATTTCCTGCTCATAAAACATCCACTCCAACCCATAGAAGTGCCTCCT  
 CTTCAACATCCTCCCAAAGGGACAGTAGGCAGAGTATTACATACTGGAGAGGACTGCTTCTCTAGCAC  
 CGAGCCCTCTGTAAGTCGGCAATTGCTAGAACCGGAGCCAGTCCCCCTCTCCAAGGAAGCTGACAGCTGG  
 GAAATTATAGAAGGGCTGAAAATAGGCCAAACCAATGTCCAGAAACCAGACAAACATGAGGGCTTTATGC  
 TGAAGAAAAGAAAATGGCCTTTAAAAGGCTGGCACAAGCGTTTTTTTTGCTCCTGGATAATGGAATGTAA  
 GTATTCAAAGGCACCACTCGATATTCAGAAAGGAAAGTCCATGGGAGCATAGATGTGGGACTCTCAGTC  
 ATGTCAATTAAGAAAGCTCGAAGAATAGACCTTGACACCGAAGAGCACATCTATCATTTGAAGGTGA  
 AATCCCAGGACTGGTTTGATGCATGGGTCTCAAACCTGCGACATCATCGTTGTATCGTCAGAATGAAAT  
 TGTGAGATCACCAAGAGATGCTAGTTTTACATATTTCTTCAACGTCCAGCTGAATCCTCACCAGCT  
 GCTAATGTTTCTGTAATGGATGGAAGATGCAACCAAACAGCTTTCCGTGGCAGTCCCCTTTACCATGCA  
 GCAATAGCCTCCCTGCAACGTGCACAACCTGGCCAGAGTAAAGTGGCAGCCTGGTTACAGGACTCGGAAGA  
 GATGGACAGGTGTGCAGAAGATCTTGCACATTGCCAGTCAAACCTTGTGGAACCTAGCAAACCTCTGCAA  
 AATTTGAAAATACTTCAGAGAATCAGTCGGCACCTAACCTTACTGACATGCAGGTTCTTTTCAGTGCTA  
 CCATGTCACCAGTTTCGTTGCATTCCTCCAACCCCAACCTTTGTGCAGATATTGAATTCAGACTCCCC  
 TAGCCACCTCACTGACCTCTGGAAAGTTCAACAGATTATACAAAGCTGCAAGAAGAATTTGTCTAATC  
 GCACAGAAAGTGCATTCTTTTTGAAGTCTGCATTTAATAGCATAGCTATAGAGAAGGAGAAGCTGAAGC  
 AGATGGTTCCGAGCAGGATCACAGTAAAGGCCACAGCAGCATGGCAGCGCTCCGACACTGCTGTC  
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 GTGAGTGATAATATCTGAAGACAACACCAGTGTGACAGACAATTTTCTCGGCAAATCCTGAATGGGG  
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 CATTAACCTGTGGAATATCTTGAGGAACAACATTTGGTAAAGACCTGTCTAAAGTCTCTATGCCTGTGGAG  
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 CACCTATTTTCAGAGCAGGAAGTAAAGCCATTCAACCCAGTCTTGGGGAGACTTATGAATGCATTAGAGAA  
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 ACTATGGCTTACAAGGTTTGTATTGAGCTCAATGAGTTAGATCCAGTACTAAAAGATCTCCTTCCACC  
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 AAGCAAAGAGTAGAGGAACTCCAGAGATCTCGGAGACGATATATGGAAGAAAACAATCTTGAACATATAC  
 CAAAATTTTTTAAAAAGTTATTGATGCCAATCAAAGAGAAGCCTGGGTTTCTAACGACACCTACTGGGA  
 GCTTCGAAAGGACCCTGGGTTTAGCAAAGTAGACAGCCCTGTTCTTTGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC235011 representing NM\_001201481  
Red=Cloning site Green=Tags(s)

MSSDEKGISPAHKTSTPTHRASSTSSQDRSRQSIHILERTASSSTEPSVSRQLLEPEPVPLSKEADSW  
 EIIIEGLKIGQTNVQKPKHEGFMLKKRWPLKGWHKRFVLDNGMLKYSKAPLDIQKGVHGSIDVGLSV  
 MSIKKKARRIDLDT EEHIYHLKVKSQDWFDAVSKLRHHRLYRQNEIVRSPRDASFHIFPSTSTAESSPA  
 ANVSVMDGKMQPNSFPWQSP LPCSNSLPATCTTGQSKVAAWLQDSEEMDRCAEDLAHCQSNLVELSKLLQ  
 NLEILQRTQSAPNFTDMQVPFSATMSPVRLHSSNPNLCA D IEFQTPPSHLTDPLESSTDYTKLQEEFCLI  
 AQKVHSLLLKSAFNIAIEKEK LKQMVSEQDHSKGHSTQMARLRQSL SQALNQNAELRSLNRIHSESIIC  
 DQVSVNIIPSPDEAGEQIHVSLPLSQQVANESRLSMSESVSEFFDAQEVLLSASSSENEASDDESYISD  
 VSDNISEDNTSVADNISRQILNGELTGGAFRNGRRACLPAPCPDTSNINLWNILRNIGKDL SKVSPVE  
 LNEPLNTLQHLCEEMEYSEL LDKASETDDPYERMVLAFAVSGYCSTYFRAGSKPFNPVLGETYECIRE  
 DKGFRFFSEQVSHHPPISACHCESKNFVFWQDIRWKNKFWGKSMEILPVGT LNVMLPKYGDYVWNKVT  
 CIHNILSGRRWIEHYGEVTIRNTKSSVIC K LTFVKVNYWNSNMNEVQGVVIDQEGKAVYRLF GKWHEGL  
 YCGVAPS AKCIWRPGSMPTNYELYYGTRFAIELNELDPVLKDLLPPTDARFRPDQRFL E EGNLEAAASE  
 KQRVEELQR SRRRYMEENLEH I PKFFKVIDANQREAWVSN DTYWELRKDPGFSKV D S P V L W

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

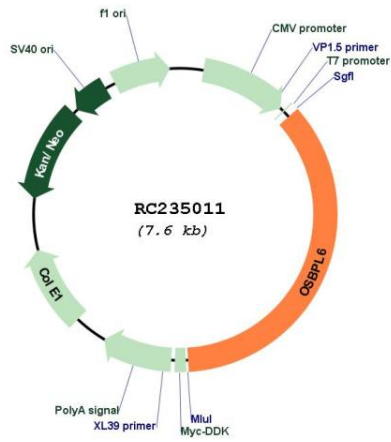
**Cloning Scheme:**



**ACCN:** NM\_001201481

<b>ORF Size:</b>	2709 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	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>	<a href="#">NM_001201481.2</a>
<b>RefSeq Size:</b>	7147 bp
<b>RefSeq ORF:</b>	2712 bp
<b>Locus ID:</b>	114880
<b>UniProt ID:</b>	<a href="#">Q9BZF3</a>
<b>Cytogenetics:</b>	2q31.2
<b>MW:</b>	103.1 kDa
<b>Gene Summary:</b>	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]

Product images:



Circular map for RC235011