

Product datasheet for **RC235002**

OSBPL6 (NM_001201482) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSBPL6 (NM_001201482) 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:

>RC235002 representing NM_001201482
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTTCAGATGAGAAGGGCATTTCCTGCTCATAAAACATCCACTCCAACCCATAGAAGTGCCTCCT
 CTTCAACATCCTCCCAAAGGGACAGTAGGCAGAGTATTACATACTGGAGAGGACTGCTTCTCTAGCAC
 CGAGCCCTCTGTAAGTCGGCAATTGCTAGAACCGGAGCCAGTCCCCCTCTCCAAGGAAGCTGACAGCTGG
 GAAATTATAGAAGGGCTGAAAATAGGCCAAACCAATGTCCAGAAACCAGACAAACATGAGGGCTTTATGC
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 GTATTCAAAGGCACCACTCGATATTCAGAAAGGAAAGTCCATGGGAGCATAGATGTGGGACTCTCAGTC
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 AATCCCAGGACTGGTTTGTATGCATGGGTCTCAAACCTGCGACATCATCGTTGTATCGTCAGAATGAAAT
 TGTGAGATCACCAAGAGATGCTAGTTTTACATATTTCTTCAAGTCCACAGCTGAATCCTCACCAGCT
 GCTAATGTTTCTGTAATGGATGGAAGATGCAACCAACAGCTTTCCGTGGCAGTCCCCTTTACCATGCA
 GCAATAGCCTCCCTGCAACGTGCACAACCTGGCCAGAGTAAAGTGGCAGCCTGGTTACAGGACTCGGAAGA
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 AAGTTATTGATGCCAATCAAAGAGAAGCCTGGGTTTCTAACGACACCTACTGGGAGCTTCGAAAGGACCC
 TGGGTTTAGCAAAGTAGACAGCCCTGTTCTTTGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235002 representing NM_001201482
Red=Cloning site Green=Tags(s)

MSSDEKGISPAHKTSTPTHRASSTSSQQRDSRQSIHILERTASSSTEPSVSRQLLEPEPVPLSKEADSW
 EIIEGLKIGQTNVQPKHEGFMLKKRWPLKGWHKRFVLDNGMLKYSKAPLDIQKGVHGSIDVGLSV
 MSIKKKARRIDLDEEHYHLKVKVSDWFDWVSKLRHRLYRQNEIVRSPRDASFHIFPSTSTAESSPA
 ANVSVMDGKMQPNSFPWQSP LPCSNL PATCTTGQSKVAWLQDSEEMDRCAEDLAHCQSNLVELSKLLQ
 NLEILQRTQSAPNFTDMQANCVDISKKDKRVTRRWRKSVSKDTKIQLQVPFSATMSPVRLHSSNPNLCA
 DIEFQTPPSHLTDPLESSTDYTKLQEEFCLIAQKVHSLLSAFNSIAIEKEKLVQMVSEQDHSKGHSTQM
 ARLRQSLSQAGEQIHVSLPLSQQVANESRLSMSESVSEFFDAQEVLLSASSSENEASDDESYSIDVSDNI
 SEDNTSVADNISRQILNGELTGGAFRNGRRACLPAPCPDTSNINLWNILRNNIGKDL SKVSMPVELNEPL
 NTLQHLCEEMEYSELKASETDDPYERMVLAFAVSGYCSTYFRAGSKPFNPVLGETYECIREDKGFR
 FFSEQVSHHPPISACHCESKNFVFWQDIRWKNKFWGKSMEILPVGTLNVMPLKYGDYVWNKVTTTCIHNI
 LSGRRWIEHYGEVTIRNTKSSVICLTFVKVNYWNSNMNEVQGVVIDQEGKAVYRLFGKWHGLYCGVA
 PSAKCIWRPGSMPTNYEYYGTRFAIELNELDPVLKDLLPPTDARFRPDQRFL EEGNLEAAASEKQRVE
 ELQRSSRRRYMEENLEHLPKFFKVIDANQREAWVSNDTYWELRKDPGFSKVDSPLW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

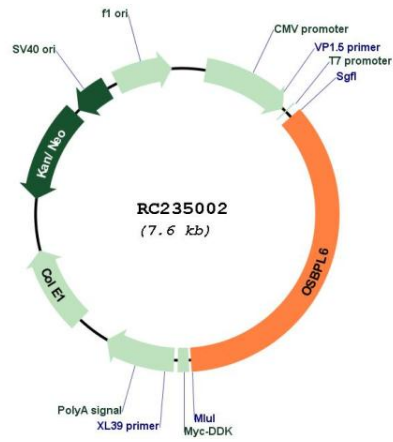
Cloning Scheme:



ACCN: NM_001201482

ORF Size:	2694 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.
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:	NM_001201482.1 , NP_001188411.1
RefSeq Size:	7132 bp
RefSeq ORF:	2697 bp
Locus ID:	114880
UniProt ID:	Q9BZF3
Cytogenetics:	2q31.2
MW:	102.7 kDa
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]

Product images:



Circular map for RC235002