

Product datasheet for **RC235080**

OSBPL6 (NM_001201480) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSBPL6 (NM_001201480) 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:

>RC235080 representing NM_001201480
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTCAGATGAGAAGGGCATTTCCTGCTCATAAAACATCCACTCCAACCCATAGAAGTGCCTCCT
 CTTCAACATCCTCCCAAAGGGACAGTAGGCAGAGTATTACATACTGGAGAGGACTGCTTCTCTAGCAC
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 TCTTTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235080 representing NM_001201480
 Red=Cloning site Green=Tags(s)

MSSDEKGISPAHKTSTPTHRASASSTSSQQRDSRQSIHILERTASSSTEPSVSRQLLEPEPVPLSKEADSW
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 MSIIKKARRIDLDT EEHIYHLKVKSQDWFDAVSKLRHHRLYRQNEIVRSPRDASFHIFPSTSTAESSPA
 ANVSVMDGKMQPNSFPWQSP LPCSNSLPATCTTGQSKVAAWLQDSEEMDRCAEDLAHCQSNLVELSKLLQ
 NLEILQRTQSAPNFTDMQANCVDISKKDKRVTRRWRTKSVSKDTKIQLQEGPPAKGQFSTTRRRQLAAA
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 IAIEKEK LKQMVSEQDHSKGHSTQMARLRQSLSQALNQNAELRSRLNRIHSESIICDQVVSVNIIPSPDE
 AGEQIHVSLPLSQVANESRLSMSESVSEFFDAQEVLLSASSSENEASDDESYISDVSDNISDNTSVAD
 NISRQILNGELTGGAFRNGRRACLPAPCPDTSNINLWNILRNNIGKDLKVSMPVELNEPLNTLQHLCEE
 MEYSEL LDKASETDDPYERMVLVAAFVSGYCSTYFRAGSKPFNPVLGETYECIREDKGRFFSEQVSHH
 PPI SACHCESKNFVFWQDIRWKNKFWGKSMEILPVGTLNVM LPKYGDYYVWNKVTT CIHNILSGRRWIEH
 YGEVTIRNTKSSVICIKLTFVKVNYWNSNMNEVQGVVIDQEGKAVYRLFQKWHEGLYCGVAPSAKCIWRP
 GSMTPNYELYYGFRFAIELNELDPVLKDLLPPTDARFRPDQRFLEEGLNLEAAASEKQRVEELQRSRRRY
 MEENLEHIPKFFKVIDANQREAWVSNDTYWELRKDPGFSKVDSPVLW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

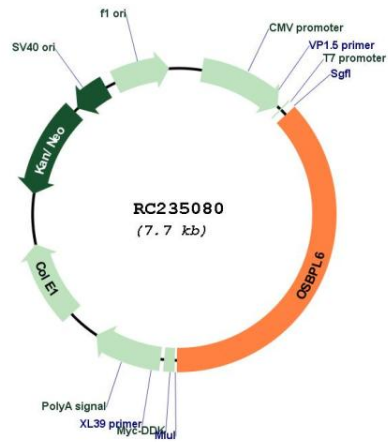


ACCN: NM_001201480

ORF Size: 2877 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_001201480.2
RefSeq Size:	7315 bp
RefSeq ORF:	2880 bp
Locus ID:	114880
UniProt ID:	Q9BZF3
Cytogenetics:	2q31.2
MW:	109.4 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 RC235080