

Product datasheet for **RG209418**

OSBPL11 (NM_022776) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OSBPL11 (NM_022776) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	OSBPL11
Synonyms:	ORP-11; ORP11; OSBP12; TCCCIA00292
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG209418 representing NM_022776
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACGGGGGTGAACCAAGTGTCCACAATGAAAGTCTCGGAGAGCGAAGGAAAGCTGGAGGGCCAGGCCA
 CAGCGGTGACCCGAACAAGAACAGCAGCTGTGGAGGTGGAATCAGTAGCAGCAGCAGCAGCCCGGTGG
 CAGTGCAAAAAGGCTGGCAGTACAGTGATCACATGGAAAATGTGTATGGCTATTTAATGAAGTATACCAAC
 CTTGTCAGTGGGTGGCAGTACAGTTTTTTGTTTTAAACAATGAAGCTGGGCTGTTGGAGTACTTTGTGA
 ATGAACAGTCTAGAAATCAGAAACCTAGAGGAACTTGCAGCTTGCAGGAGCTGTAATATCACCCAGTGA
 TGAGGATTCTCACACCTCACTGTAACCGCTGCCAGTGGGGAACAATATAAACTCAGAGCTACAGATGCA
 AAAGAGCGACAGCACTGGGTTAGCAGACTTCAGATATGTACACAGCATCATACTGAAGCTATTGAAAGA
 ATAATCCTCCTCTGAAGTCACGGAGCTTCTCACTGCATCTAGTAGTAATTCCTCATATCGCAGAGGAG
 ACCAAGTCAAAATGCCATTTCTTTTTTAAATGTTGGACATTCAAACTGCAATCACTGAGCAAAAGAACT
 AATTTACCTCCAGACCATCTGTGGAAGTCAGAGAAATGATGTCTCATGTGAAGGACAACAAAGAGACT
 TAATTAGACGAATTGAATGCCTTCTACTTCTGGCCATCTTAGTTCCTGGACCAGGATCTCTTAATGCT
 CAAAGCTACTTCCATGGCAACTATGAAGTCTTAAATGACTGCTTTCATATTCTCCAGTTACAGCATGCA
 TCACATCAGAAGGGCTCATTGCCTTCAGGAACGACAATCGAGTGGTTAGAACCAAGATATCTTTATCAA
 ACCACTATAAAAATGGAGCTGACCAGCCCTTTCGCAACTGATCAGAGTAAGCCGGTGGCAGTCCCAGAAGA
 GCAGCCTGTTGCAGAATCTGGACTATTAGCGAGGGAGCCTGAAGAAATAAATGCAGATGATGAGATAGAG
 GATACATGTGACCACAAGAGGATGACCTGGGAGCTGTAGAAGAACAACGTAGTGTATCCTACATCTCT
 TGTACAGCTTAAGCTGGGCATGGATTTAACAAGAGTGGTGTCTTCTACATTTATCCTAGAGAAGCGTTC
 CTTGCTGGAAATGTATGCAGACTTTATGTCTCATCCAGACCTATTATAGCCATCACTAATGGAGCCACA
 GCTGAGGACAGAATGATTCGCTTTGTTGAGTACTACCTTACCTCATTTTCATGAAGGCCGTAAGGGAGCCA
 TTGCTAAAAAACCATAACAATCCTATCATTGGAGAAACATTTCACTGTTTCTGGAAGATGCCAAAAAGCGA
 GGTAGCATCCAGTGTTTTAGCAGTTCTTCCACCAGGGAGTCACAAATCATGCTCCTTTATCGGGGGAG
 TCTTTGACCCAGGTGGGATCAGACTGTTACACAGTCAAGTTTGTGCTGAGCAGGTTTCTCATCATCCTC
 CAGTCTCAGGATTTTATGCAGAATGTACAGAGAGGAAGATGTGTGTAATGCGCATGTCTGGACTAAGAG
 CAAGTTCTTAGGCATGTCAATAGGCGTGACAATGGTTGGAGAAGGTATCCTTAGTCTGTTGGAGCATGGA
 GAAGAGTACACATTTTCTACCTGTGCATATGCTCGGTCAATTTTACTGTTCTTGGGTAGAAGTGG
 GTGGCAAAGTCAAGTGTCAACTGTGCAAAAAGTGGATATTCAGCCAGCATCACTTTTCATACCAAGCCATT
 TTATGGTGGCAAAGTGCATCGGGTTACAGCTGAAGTAAAGCACAACATACCAACACTGTGGTATGCAGA
 GTGCAAGGGGAATGGAATAGTGTCTTGTAGTTCACATATAGCAATGGAGAGACAAAGTATGTGGACTTGA
 CTAATTTGGCAGTGACGAAGAAAAGAGTGAAGCTCTGGAGAAGCAGGATCCATTTGAATCCAGGCGATT
 GTGAAAAATGTGACAGACTCGCTGAGAGAATCTGAAATTTGATAAGGCCACAGAGCATAAGCATACCCTG
 GAAGAACGTCAGAGGACTGAAGAAAGGCATCGTACTGAAACAGGCACACCTTGGAAAACCAATATTTTA
 TTAAGAGGGAGATGGCTGGGTTTATCATAAACCACTTTGGAAAAATAATCCAACAACACAACCAGCAGA
 G

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG209418 representing NM_022776
Red=Cloning site Green=Tags(s)

```

MQGGPEVSTMKVSESEGLKLEQATAVTPNKNSSCGGGISSSSSRGGSAGWQYSDHMENVYGYLMKYTN
LVTGWQYRFFVLNNEAGLLEYFVNEQSRNQKPRGTLQLAGAVISPSDEDSHTFTVNAASGEQYKLRATDA
KERQHWVSRLQICTQHHTAIGKNNPPLKSRFSLASSNSPISQRRPSQNAISFFNVGHSKLQSLSKRT
NLPPDHLVEVREMMSHAEGQQRDLIRRIECLPTSGHLSSLDQDLLMLKATSMATMNCLNDCFHILQLQHA
SHQKGSLSGTTIEWLEPKISLSNHYKNGADQPFATDQSKPVAVPEEQPVAESGLLAREPEEINADDEIE
DTCDHKEDDLGAVEEQRSVILHLLSQLKLGMDLTRVVLPTFILEKRSLLEMYADFMSPDLFIAITNGAT
AEDRMIRFVEYYLTSFHEGRKGAIAKKPYNPIIGETFHCSWKMPKSEVASSVFSSSSTQGVTNHAPLSGE
SLTQVGSDCYTVRFVAEQVSHPPVSGFYAECTERKMCVNAHVWTKSKFLGMSIGVTMVGEGILSLEHGG
EEYTFSLPCAYARSILTPWVELGGKSVNCAKTGYSASITFHTKPFYGGKLRHVTAEVKHNITNTVPCR
VQGEWNSVLEFTYSNGETKYVDLTKLAVTKKRVKPLEKQDPFESRRLWKNVTDLSLRESEIDKATEHKHTL
EERQRTEERHRTETGTPWKTKYFIKEGDGWVYHKPLWKIIPPTQPAE
    
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_022776

ORF Size: 2241 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:

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_022776.5](#)

RefSeq Size: 4206 bp

RefSeq ORF: 2244 bp

Locus ID: 114885

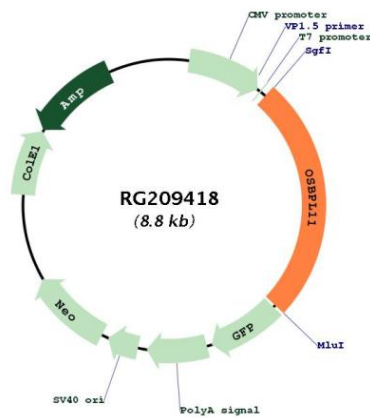
UniProt ID: [Q9BXB4](#)

Cytogenetics: 3q21.2

Domains: Oxysterol_BP, PH

Gene Summary: This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Like most members, the encoded protein contains an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG209418