

## Product datasheet for **MG214742**

### **Osbp18 (NM\_001003717) Mouse Tagged ORF Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	TurboGFP
<b>Symbol:</b>	Osbp18
<b>Synonyms:</b>	AA536976; AA536995; C730029P18Rik; D330025H14Rik; OR; ORP-8
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-AC-GFP (PS100010)
<b>E. coli Selection:</b>	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >MG214742 representing NM\_001003717  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

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ATTTAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

&gt;MG214742 representing NM\_001003717

Red=Cloning site Green=Tags(s)

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HDL S I S S D S T H V T L Y G L L R A N N L H S G D N F Q L N D S E I E R Q H F K D Q D L Y S D K S D K E N D P E H D E S D N E V L G K S
E E S D T D T S E R Q D D S Y I D P E P V E P L K E T T Y M E Q S H E E L G E A G E A S Q T E T V S E E N K S L I W T L L K Q V R P G M D L
S R V V L P T F I L E P R S F L D K L S D Y Y Y H A D F L S E A A L E E N P Y F R L K K V V K W Y L S G F Y K K P K L K K P Y N P I L G E
T F R C L W I H P R T N S K T F Y I A E Q V S H P P I S A F Y V S N R K D G F C L S G S I L A K S K F Y G N S L S A I L E G E A R L T F L
N R G E D Y V M T M P Y A H C K G I L Y G T M L E L G G T V N I T C Q K T G Y S A I L E F K L K P F L G S S D Y V N Q I S G K L K L G K E
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K H R T P M V S V P K M K H K P T R Q Q K V V K G Y S S P E P D I Q D S S G S E A Q S V K P S T R R K K G I D L G D I Q S S I E S I K Q T
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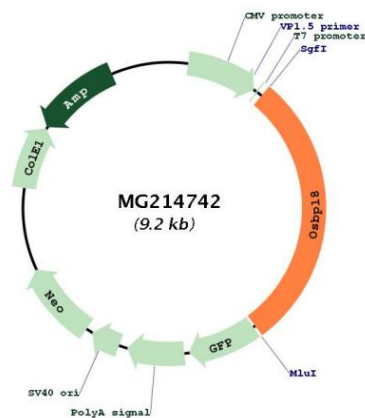
TRTRPLE - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI



<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_001003717.1</a> , <a href="#">NP_001003717.1</a>
<b>RefSeq Size:</b>	7115 bp
<b>RefSeq ORF:</b>	2544 bp
<b>Locus ID:</b>	237542
<b>UniProt ID:</b>	<a href="#">B9EJ86</a>
<b>Cytogenetics:</b>	10 D1
<b>Gene Summary:</b>	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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Product images:**

Circular map for MG214742