

## Product datasheet for **MG216382**

### **Serp2 (NM\_001160326) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids

**Tag:** TurboGFP

**Symbol:** Serp2

**Synonyms:** 2810032E02Rik

**Mammalian Cell Selection:** Neomycin

**Vector:** pCMV6-AC-GFP (PS100010)

**E. coli Selection:** Ampicillin (100 ug/mL)

**ORF Nucleotide Sequence:** >MG216382 representing NM\_001160326  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGTGGCCAAACAGCGGATCCGGATGGCTAACGAGAAGCACAGCAAAAACATCACCCAGAGGGGAAACG  
TAGCCAAAACCTGAGGCCACAAGAAGAGAAATATCCTGTTGGCCATGGCTGCTGGCCCTGTTTGT  
TGTTGTCTGTGGCTCAGCTATCTCCAGATCATACAGAGCATAAGGATGGGCATG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >MG216382 representing NM\_001160326  
Red=Cloning site Green=Tags(s)

MVAKQRIRMANEKHKNITQRGNVAKTLRPQEEKYPVGPWLLALFVFCVCGSAIFQIIQSIRMGM

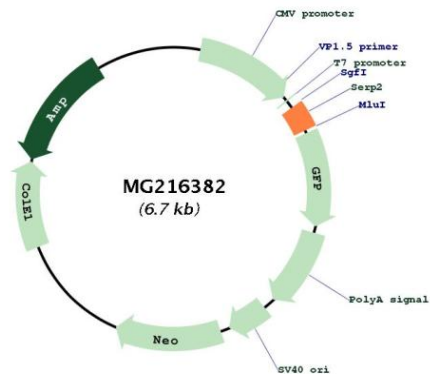
**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-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_001160326.1</a> , <a href="#">NP_001153798.1</a>
<b>RefSeq Size:</b>	782 bp
<b>RefSeq ORF:</b>	198 bp
<b>Locus ID:</b>	72661
<b>UniProt ID:</b>	<a href="#">Q6TAW2</a>
<b>Cytogenetics:</b>	14 D3
<b>Gene Summary:</b>	May interact with target proteins during translocation into the lumen of the endoplasmic reticulum. May protect unfolded target proteins against degradation and facilitate correct glycosylation (Potential).[UniProtKB/Swiss-Prot Function]

**Product images:**

Circular map for MG216382