

## Product datasheet for **MG202937**

### Psme2 (NM\_011190) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Psme2 (NM\_011190) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Psme2  
**Synonyms:** AA589371; AI788882; PA28b  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG202937 representing NM\_011190  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCAAGCCTTGTGGGGTCCGCTTGAGTGGAGAAGCCCGAAAACAGGTGGATGTCTTCAGACAAAATC  
 TTTTCCAGGAGGCTGATGACTTCCTCTGCACTTTCTTGCCACGGAAAATCATATCCCTGAGTCAGCTCTT  
 GCAGGAGGATCCCTCAATGTGGCCGACCTCTCCTCCCTCCGGGCTCCTCTGGACATCCCTATCCCAGAT  
 CCTCCACCAAGGATGACGAGATGGAACAGACAAGCAGGAGAAGAAGGAAGTCCCTAAGTGTGGCTACC  
 TCCCGGGAACGAGAAGCTTCTGGCCTTGCTCGCTTTGGTTAAGCCAGAAGTCTGGACTCTCAAAGAGAA  
 GTGCAATCTGGTAATCACATGGATCCAGCACCTGATCCCAAGATTGAGGATGGAATGATTTTGGGGTG  
 GCAATTCAGGAGAAGGTGCTGGAGAGAGTGAATGCTGTCAAGACCAAAGTAGAAGCTTCCAGACAACCA  
 TTTCCAAGTACTTCTCAGAACGAGGGGACGCTGTAGCCAAGGCTTCCAAGGACACCCATGTAATGGATTA  
 CCGGGCCTTGGTGCATGAGCGAGATGAAGCAGCCTATGGGGCGCTTAGGGCCATGGTGTGGACCTGAGG  
 GCCTTCTATGCTGAGCTTATCATATCATCAGCAGCAACCTAGAGAAAATCGTCAACCCGAAGGGTGAAG  
 AAAAGCCATCGATGTAC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >MG202937 representing NM\_011190  
Red=Cloning site Green=Tags(s)

MAKPCGVRLSGEARKQVDVFRQNLFQEADDFLCTFLPRKIIISLSQLLQEDSLNVADLSSLRAPLDIPIPD  
 PPPKDDMETDKQEKKEVPKCGYLPGNEKLLALLALVKPEVWTLKEKCILVITWIQHLIPKIEDGNDFGV  
 AIQEKVLERNVAVKTKVEAFQTTISKYF SERGDAVAKASKDTHVMDYRALVHERDEAAAYGALRAMVLDLR  
 AFYAELYHISSNLEKIVNPKGEEKPSMY

TRTRPLE - GFP Tag - V

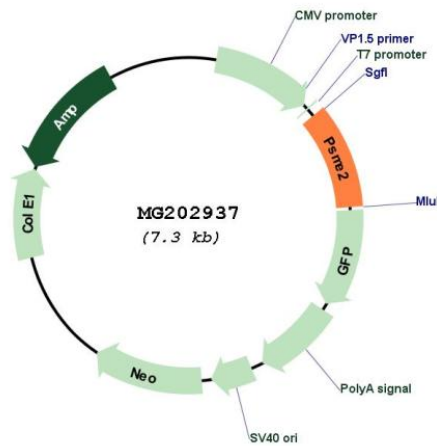
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_011190

**ORF Size:** 717 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<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>RefSeq:</b>	<a href="#">NM_011190.3</a> , <a href="#">NP_035320.1</a>
<b>RefSeq Size:</b>	906 bp
<b>RefSeq ORF:</b>	720 bp
<b>Locus ID:</b>	19188
<b>UniProt ID:</b>	<a href="#">P97372</a>
<b>Cytogenetics:</b>	14 28.19 cM