

## Product datasheet for **MG204233**

### Pecr (NM\_023523) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pecr (NM\_023523) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Pecr  
**Synonyms:** 2400003B18Rik; TERP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG204233 representing NM\_023523  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGGCTCTTGGAACTGGTCAGAGCTACCTAGCGGCCGGTTGCTGAAGAACCAAGTGGCCGTGGTCA  
 CCGGCGGGGGCACAGGCATTGAAAAGCCGCTCCCGGGAGCTCCTGCACCTGGGGTGAACGTGGTCAT  
 TGCTTCCCGAAGCTGGACAGACTAACTGCTGCTGTGGATGAACTGAGAGCCTCTCTGCCTCCCTCCAGC  
 TCCGCTGAAGTCTCCGCCATACAGTCAACATCAGGAAAGAAGAAGAGGTGAGTAATCTGGTCAAATCTA  
 CCTTAGCTAAGTATGGTAAGATCAACTTCTTGGTCAACAATGGAGGAGGCCAGTTCATGGCTCCTGTGGA  
 AGACATCACTGCGAAGGGATGGCATGCTGTGATAGAAACCAACCTGACAGGCACCTTCTACATGTGCAAA  
 GAAGTTTACAATTCCTGGATGAGAGAGCACGGAGGGTTCGATTGTCAATATCATTGTCTTCTTAATAATG  
 GGTTTCCAACAGCCGCGCACACTGGAGCGCAAGAGAAGGTGTTTACAACCTCACAAAATCCATGGCTTT  
 GGCGTGGGCCAGCAGCGGAGTGAGGATCAACTGTGTCGCTCCTGGGACATTTACTCCCAGACTGCTGTT  
 GACAACTATGGCGAAATGGGACAAACCTATTTGAGATGGCCTTTGACAGTATCCCAGCTAAGCGCCTTG  
 GAGTCCCCGAGGAGATCTCCCCTCTGGTATGTTTCTGCTGTCCCTGCGGCTTCTATATCACTGGACA  
 GTTGATCAATGTGGATGGAGGCCAGGCTCTGTACACTCACGCCTCAGCATACCGGATCATGACAACCTGG  
 CCTGTAGGAGCTGGGGACCTTTCTATTGTCAAGAGGATAAAGGAATCTTTTAAGAAGAAAGCCAAGCTC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



[View online »](#)

**Protein Sequence:** >MG204233 representing NM\_023523  
 Red=Cloning site Green=Tags(s)

MGSWKTGQSYLAAGLLKNQVAVVTGGGTGIGKAVSRELLHLGCNVVIASRKLDRLLTAAVDELRASLPPSS  
 SAEVSAIQCNIRKEEEVSNLVKSTLAKYKINFLVNNGGGQFMAPVEDITAKGWHAVIETNLTGTFYMCK  
 EVYNSWMREHGGSIVNIIVLLNNGFPTAAHTGAAREGVNLTKSMALAWASSGVRINCVAPGTIYSQTAV  
 DNYGEMGQTLFEMAFDSIPAKRLGVPEEISPLVCFLLSPAASYITGQLINVDGGQALYTHAFSIPDHDNW  
 PVGAGDLSIVKRIKESFKKKAKL

TRTRPLE - GFP Tag - V

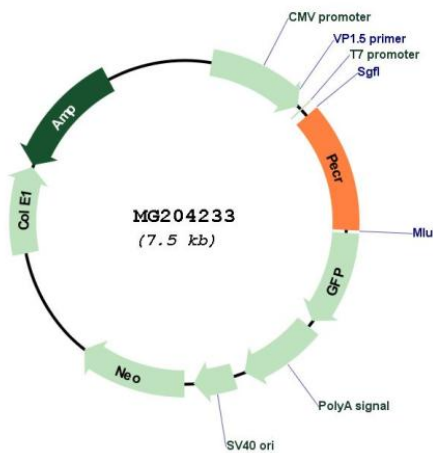
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_023523

**ORF Size:** 909 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_023523.6</a>
<b>RefSeq Size:</b>	1172 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	111175
<b>UniProt ID:</b>	<a href="#">Q99MZ7</a>
<b>Cytogenetics:</b>	1 36.46 cM
<b>Gene Summary:</b>	Participates in chain elongation of fatty acids. Has no 2,4-dienoyl-CoA reductase activity (By similarity).[UniProtKB/Swiss-Prot Function]