

## Product datasheet for MR225498

### Ptger3 (NM\_011196) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ptger3 (NM\_011196) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ptger3  
**Synonyms:** EP3; Pgerep3; Ptgerep3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR225498 representing NM\_011196  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTAGCATGTGGGCGCCGGAGCACTCTGCTGAAGCGCACAGCAACCTGTCAAGTACTACCGACGACT  
 GCGGCTCCGTGTCGTGGCCTTTCCCATCACCATGATGGTCACTGGCTTCGTGGGCAACGCGCTGGCCAT  
 GCTGCTCGTGTGCGCAGCTACCGGCGCCGCGAGAGCAAGCGCAAGAAGTCTTTCCTGCTGTGCATTGGC  
 TGGCTGGCGCTCACCGACTTAGTGGGCGAGCTCCTGACCAGCCCGGTGGTATCCTCGTGTACCTGTGCAC  
 AGCGACGCTGGGAGCAGCTCGACCCATCGGGCGTCTGTGCACCTTCTTCGGGCTAACCATGACAGTGTT  
 CGGGCTATCCTCGCTCCTGGTGGCCAGCGCCATGGCCGTGGAGCGCGCCCTGGCCATCCGTGCGCCGCAC  
 TGGTATGCCAGCCACATGAAGACTCGCGCCACGCGCGGTAAGTCTGGGCGTGTGGCTGTCTGTGCTCG  
 CCTTCGCGCTGTGCCGGTGTGGGCGTGGGCCGCTACAGCGTGCAGTGGCCGGGACGTTGGTGTTCAT  
 CAGCACCGGGCGCGGGCAACGAGACAGACCCCTGCGCGCGAGCCGGGACGCGTGGCCTTTGCCCTCCGCC  
 TTCGCCTGCTGGGCTTGTGGCTCTGGTGGTACCTTTGCCGCAACCTGGCGACCATCAAAGCCCTGG  
 TGTCCCGCTGTGGGCAAAAGCCCGCTCTCGAGTCCAGCGCCAGTGGGCGAGAATCACCACGGAGAC  
 GGCCATCCAGCTCATGGGATCATGTGTGTGCTGTCCGTCTGTTGGTCCCGCTATTGATAATGATGTTG  
 AAAATGATCTTCAATCAGATGTCGGTTGAGCAATGCAAGACACAGATGGGAAAGGAGAAGGAGTGAATT  
 CCTTTCTAATTGCAGTTTCGCTGGCTTCGCTGAACCAGATCTGGATCCCTGGGTTTATCTGCTGCTAAG  
 AAAGATCCTTCTCGGAAGTTCTGCCAGATGATGAACAACCTGAAGTGGACTTTCATTGCAGTACCTGTT  
 TCCTGGGTCTGAGAATTTCTTCTCCAGGGAAGGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul



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**Cloning Scheme:**

**ACCN:** NM\_011196

**ORF Size:** 1086 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

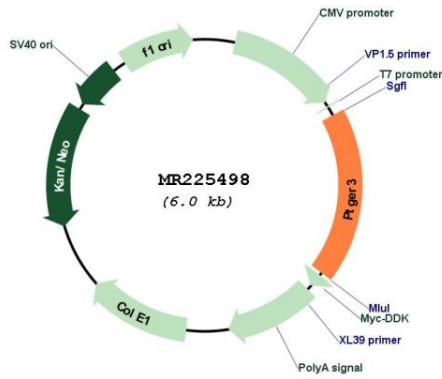
**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\_011196.4  
 RefSeq Size: 2090 bp  
 RefSeq ORF: 1089 bp  
 Locus ID: 19218  
 Cytogenetics: 3 81.32 cM  
 MW: 40.3 kDa

**Product images:**



Circular map for MR225498