

Product datasheet for MR202287

Ptms (BC080800) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ptms (BC080800) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Ptms
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR202287 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGATGATTTGGACTTCGAGACAGGAGATGCAGGGGCTCAGCCACCTTCCAATGCAGTGCTCAG
 CATTACGTAAGAATGGTTTTGTGGTGCTCAAAGGCCGGCCATGTAAGATCGTCGAGATGTCTACTTCGAA
 GACTGGCAAGCATGGCCATGCCAAGGTCCATCTGGTTGGCATTGACATTTTTACTGGGAAGAAATATGAA
 GATATCTGCCCGCCGCCACCCGCGCAAGTTCGGCCCGGCCACCCCTCCGCCGTCCAGGGCTCCTCCG
 CCTCGGCCCGGGACCCCGGCTCCCTGCCAGCCCGGCCCGGCCACCATGTCGGAGAAGAGCGTGGAGGC
 AGCGGCCGAGCTGAGTGCCAAGGACCTGAAAGAAAAGAAGGACAAGGTGGAGGAGAAGGCCGGCCGAAAA
 GAACGGAAGAAAAGTAGTGGAGGAGGAGGAGAATGGAGCTGAGGAAGAGGAAGAAGAACTGCAGAGG
 ATGGAGAGGATGATGATGAAGGGATGAAGAAGATGAGGAAGAAGAAGAGGAGGAGGATGAAGGCCCGCT
 GCGGAAGAGAAGTCTGAAGAGGAGGATGAAGCAGACCCCAAGAGGCAGAAGACAGAAAACGGGGCGTCC
 GCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR202287 protein sequence
 Red=Cloning site Green=Tags(s)

MADDLDFETGDAGASATFPMQCSALRKNFVVLKGRPCKIVEMSTSKTGKHHGAKVHLVGIDIFTGKKYE
 DICRRRHRAKFRPRPPSAVQSSASAPGPRLPASPGPTMSEKSVAAAELSAKDLKEKDKVEEKAGRK
 ERKKEVVEEEENGAEVEEETAEDEGDDDEGDEEVEEVEEVEEVEEVEEVEEVEEVEEVEEVEEVEEVEE
 A

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC080800

ORF Size: 633 bp

OTI Disclaimer: 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: [BC080800](#)

RefSeq Size: 1265 bp

RefSeq ORF: 635 bp

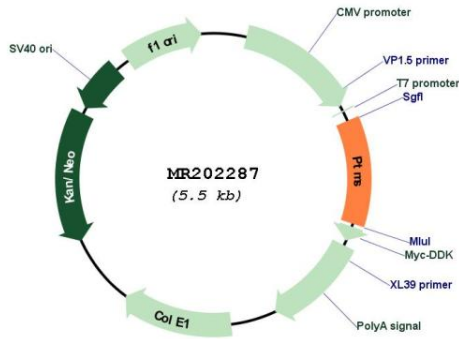
Locus ID: 69202

Cytogenetics: 6 F2

MW: 23.2 kDa

Gene Summary: Parathymosin may mediate immune function by blocking the effect of prothymosin alpha which confers resistance to certain opportunistic infections.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202287