

Product datasheet for **MR207905**

Dpep3 (NM_027960) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpep3 (NM_027960) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dpep3
Synonyms:	1700018F16Rik; AI507039; MBD-3; MLZ-136
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR207905 representing NM_027960
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCCGCGGTCTTGAGGGTCCACGCGCGCTCGGCCTGCGGCCTCTGGGGACCGGTGTCCCTGC
 TGGGGGTGTTACTTCTAGTTCCTGTCTGTGGTAACCTGCACCCCTGACTACTCCGAGCCCTCCAGTGC
 TCCGACAACACCGGAAGCCTCCAATGCCACGACCGCTCCAGGCATTCTAATGACACGGCCACGTACGGT
 GTGACCACTGACCTCGCCTTCGAGAGCAAGCACTGGCTCTGATGCGAGACTTCCCACTTGTGGATGGCC
 ACAACGACCTGCCTCTGCTCTTGAGAGAACTTTCCAGAACCAGCTGCAGGATGTGAATCTGCGCAATTT
 CACCCGTGGCCAGACCAACCTGGATAGGCTCAGGGACGGCCTTGTGGTGGCCAGTTCTGGTCAGCCTAC
 ATCCCGTGCCAAACCCAGGACCGGGATGCCGTACGCCCTAGCCCTGGAGCAGATTGATCTCATTCTGTCGA
 TGTGCTCTGCTTACCCTGAGCTGGAGCTGGTGACCTCAGCTGATGGTCTGAATAACTCAGAAGCTGGC
 CTGCCCTATTGGTGTAGAGGGTGGTCACTCACTGGACACCAGCCTCGCTGTGTTGCGCAGTTTCTATGAG
 CTAGGAGTGGCTACCTGACTCTTACCTTACCTGCAGCACACCGTGGGCAGAAAGCGCCACAAAATTCAG
 GACACATTTCTACACCAACATTAGTGGGTTGACAAGCTTTGGTGAAGAAAGTGTGGAAGAAATGAACCG
 TCTGGGCATGATGATAGACTTGTCCCACGCTCGGACACCTTAGTGAAGCAGACCCCTGGAGGTGTCTCAG
 GCTCCTGTGATCTTCTCACACTCGGCGGCTAGATCGGTGTGTGACAATTTGCTGAATATTCTGATGACA
 TATTGCAACTTCTGAAGAAGAACGGTGGCATCGTGATGGTGACACTATCCATGGGGGTGTACAGTGCAG
 TCTGTTTGCTAACGTGTCCACTGTAGCAGATCATTTTGACCACATCAGGACAGTCATTGGATCTGAGTTC
 ATTTGGGATCGGTGGAAGCTATGACGGGTCTGGAAGGTTCCCTCAGGGACTGGAGGATGTATCTACATACC
 CAGTGTGATAGAGGAGTTGCTGAGTCGCGGTTGGGATGAACGAGCTTCAAGGTGCTCCTCGAGGAAA
 CCTGCTTCGGGTCTTCAGACAAGTGGAACAGGTGAGAGAGAAAAGCCTTGGGCAGAGCCCTGTGGAGGTC
 AAGTTTCCAGAGAGGCAGCAGAGCAACCTGCCACTCCACCTGCTGCCTCAGCCTCAGGAGGACCAAC
 ACCAGGATACACACCTGAAGGTGACAAAGCTGCCAAACATCCTCCAGAGAGCCTCAAAGCCCTCCCCA
 CCCCTTGCCAGGCCTCATGGCTACGCTCACCTCCCTAGCCCTCATCCTTTGGCTATGTTGCTCTGGCCAC
 AGGGCAGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207905 representing NM_027960
 Red=Cloning site Green=Tags(s)

MQPAGLEGPRALGLRPLGHRLSLLGVLLLVPSLWVTCTLTTPSPSSAPTTPPEASNATTAPGIPNDTATSG
 VTSDPRLREQALALMRDFPLVDGHNDLPLLLRELFQNLQDVNLRNFRGQTNLDRLRDGLVGAQFWSAY
 IPCQTQDRDAVRLALEQIDLIRRMCSAYPELELVTSADGLNNTQKLAELIGVEGGHSLDTSLAVLRSFYE
 LGVRYLTLTFTCSTPWAESATKFRHHFYTNISGLTSFGEKVVEEMNRLGMMIDLSHASDTLVKQTLSEVSQ
 APVIFSHSAARSVCDNLLNIPDDILQLLKKNGGIVMVTLSMGVLQCSLFANVSTVADHFDHIRTIVIGSEF
 IGIGGSYDGSGRFPQGLEDVSTYPVLEIEELLSRGWDERELQGVLRGNLLRVFRQVEQVREKSLGQSPVEV
 KFPERQSQNTCHSHLLPQPQEDQHQDTHLKVTKLPNILQRASKAPPHPLPGLMATLTSLLALILWLCCSGH
 RAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9060_h12.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_027960

ORF Size: 1479 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: [NM_027960.2](#), [NP_082236.1](#)

RefSeq Size: 1681 bp

RefSeq ORF: 1482 bp

Locus ID: 71854

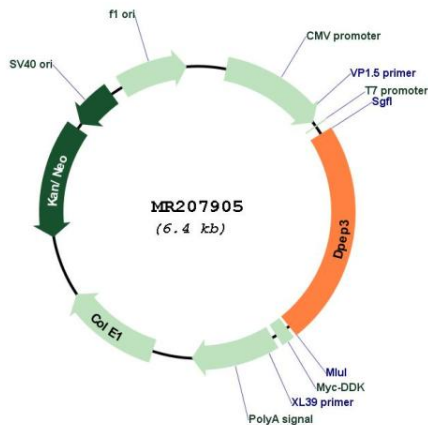
UniProt ID: [Q9DA79](#)

Cytogenetics: 8 D3

MW: 54.2 kDa

Gene Summary: Probable metalloprotease which hydrolyzes cystinyl-bis-glycine. May be involved in meiosis. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207905