

Product datasheet for **RN201904**

Dpep3 (NM_001008383) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpep3 (NM_001008383) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpep3
Synonyms:	MGC94276
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201904 representing NM_001008383
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGCAACCCACGGTCTGAGGGTCCACGCGCTCAGCTTGAGGCCTCTGGGGACCGGTATCCCTGT
TGGGGGTGTTACTTATAATTCCGTCACCTATGGGTAACTGCAACCCAGACTACTCCGAGCCTCTCCAGTGC
TCCGACCTCACCGGGAGCCTCCAGTGCCATGACCACTCCAGCATTCTAATGACACAACACTCGTCAGGC
GTGACCACTGACCTCGCCTTCGAGAGCAAGCACTGGCCCTGATGCGAGACTTCCCACTTGTGGATGGCC
ACAACGACCTGCCTCTGCTCCTGAGAGAACTTTCCAGAACAAGCTGCAGGATGTGAATCTGCACAATTT
CACCCGTGGCCAGACCAGCCTGGATAGGCTCAGGGATGGCCTTGTGGGTGCCAGTTCTGGTCAGCCTAC
ATCCCATGCCAACCCAGGATCGGGATGCCGTGCGCGTAGCCCTGGAGCAGATTGACCTCATCCGACGCA
TGTGTTCTGCTTACCCGGAGTTGGAGCTTGTGACCTCAGCTGATGGTCTGAATAGCACTCAGAAGCTGGC
CTGCCTCATTGGACTAGAGGGTGGTCACTCACTGGACACCAGCCTCGCTGTGCTGCGCAGTTTCTACGAG
CTAGGAGTCCGCTACCTGACACTTACCTTACGTGCAGCACACCCCTGGGCAGAAAGTGCCACGAAATTC
GACACCATTTCTACACCAACATCAGCGGGTTGACGAGCTTTGGAGAGAAAGTAGTGAAGAAATGAACCG
CATAGGTATGATGATAGATTTGTCCCACGCCTCAGACACCTTAGTGAAGCAAACCCCTGGAGGCGTCTCGG
GCTCCTGTGATCTTCTCCATTACGCGGTAGATCAGTGTGTGACAACCTGCTGAATGTTCTGATGACA
TACTGCAGCTTCTGAAGAAGAATGGTGGCATTGTGATGGTGACACTGTCCATGGGGGTGCTGCAGTGCAG
TCTGCTTGCTAATGTGTCCACTGTAGCAGATCATTTTGACCACATCAGGACAGTCATTGGATCTGAATTC
ATTGGGATTGGTGAAGCTATGATGGGTCTGGAAGGTTCCCTCAGGGGCTGGAGGATGTGCTACATACC
CAGTGCCTTAGAGGAGTTGCTGAGACGAGGCTGGGGTGAACAAGAGCTTCAAGGTGCTCCTTCGAGGAAA
CCTGCTTCGGGTCTTCAGACAAGTGGAACAGGTGAGAGAAAAAGCCTTGGGCAGAGCCCTGTGGAGGTC
GTGTTCCAGAGAGGCAACAGAGCAGCCTGCCACTCCACCTGCTGCCTCAGTCTCAGGACGCACACT
TGAAGGTGACCAAGCTGCCAAGTAGCCAGGTGCTCCAGAGGGCCTCAAAGCCCCGCCATGCCCTTGCT
AGGCCTCGTGGCTGCTGTACCTCCCCAGCCTTACCCTTTGGCTTTGTTGCTCTGGCCACAGGTGA

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001008383

Insert Size: 1467 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001008383.1](#), [NP_001008384.1](#)
RefSeq Size: 1692 bp
RefSeq ORF: 1467 bp
Locus ID: 364994
UniProt ID: [Q5U2X4](#)
Cytogenetics: 19q12
Gene Summary: Probable metalloprotease which hydrolyzes cystinyl-bis-glycine. May be involved in meiosis (By similarity).[UniProtKB/Swiss-Prot Function]