

Product datasheet for **MC216442**

Dnpep (NM_001110831) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnpep (NM_001110831) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnpep
Synonyms:	AA407814
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC216442 representing NM_001110831
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATCGAGATGGCTATGAACGGCAGGGCTCGGAAAGAGGCCATCCAGGCCACAGCCCAGAGACTCCTGAAGT
 TCGTGAACCGGAGTCCCTCTCCTTTCCACGTCGTGGCTGAGTGCCGAGCCGCCTCTCCAGGCTGGCTT
 CCGTGAACCAAGGAAACAGAGGGCTGGGATATCGTACCAGAAAACAAGTACTTCTTAACCGAAACTCC
 TCCTCCATCATTGCTTTTGTGTGGGGGCCAGTATGTTCTGGCAATGGCTTCAGCCTCATTGGGGCCC
 ACACGGACAGTCCCTGTCTCAGGGTAAACGCAAATCGCGCCGAGCCAGGTGGGCTACCACCAGGTGCG
 TGTTGAGACCTACGGCGGTGGGATCTGGAGCACATGGTTCGACCCGGACCTGACCTTGGCTGGACGCGTC
 ATTATCAAGTGCCTACCTCAGGCCGGCTGGAGCAGAGGCTCGTCCATATAGAACGGCCCATCTGCGCA
 TCCACATCTGGCCATCCATCTGCAGCGAAATATCAATGAGAATTTGGGCCAACACAGAGATCCACCT
 AGTCCCTATTCTTGCCACAGCAGTTCAGGAAGAGCTGGAGAAAGGGACTCCTGAACCAGGGCCTCTCGGT
 GCCACTGATGAGCGGCACCACTCGGTCCCTCATGTCCTGCTCTGTACCATCTGGGCCTGAGTCCTGACA
 GCATCATGGAGATGGAGCTCTGCCTGGCAGACACCCAGCCTGCAGTCCTGGTGGAGCCTATGAAGAGTT
 CATCTTCGCTCCTCGACTGGACAATCTGCACAGCTGCTTCTGTGCCCTGCAGGCATTGATTGATTCTGT
 GCATCCCTGCCTCTCTGGCCAGGGATCCACATGTGCGCATGGTACACTCTACGACAATGAAGAGGTGG
 GGTCAGAGAGTGACAAGGAGCACAGTCCCTGCTGACGGAGCTGATACTACGGCGCATCTCAGCCTCACC
 TCAGCGTCTGACTGCCTTCGAGGAAGCCATACCTAAGTCTTCATGATCAGTGCAGACATGGCCCATGCT
 GTGCACCCAACTACTCGGACAAGCATGAAGAAAACACCGGCCCTTTGTTCCATAAGGGTCTGTGATCA
 AGGTGAACAGCAAGCAGCGCTACGCCTTAATGCAGTGTCTGAGTCCATGATTGAGAGGTGGCTGGCCA
 AGTTGGGGTGCCCTGCAGGACCTCATGGTCAGGAATGACTCCCGGTGGTACCACATTGGACCTATC
 TTGGCTTCTCGACTGGGGCTTCGGGTGCTGGACTTAGGCAGCCCCAACTGGCTATGCACTCTATCCGGG
 AGACAGCCTGTACCACTGGAGTTCTCCAGACCCTCACCTTTTCAAGGGCTTCTTTGAGCTGTTCCCTTC
 TGTAAGCCGGAACCTCTTAGTGGACTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001110831

Insert Size: 1428 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_001110831.1](#), [NP_001104301.1](#)

RefSeq Size: 1930 bp

RefSeq ORF: 1428 bp

Locus ID: 13437

UniProt ID: [Q9Z2W0](#)

Cytogenetics: 1 C4

Gene Summary: Aminopeptidase with specificity towards an acidic amino acid at the N-terminus. Likely to play an important role in intracellular protein and peptide metabolism (By similarity).

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).