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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGATGGCTATGAACGGCAGGGCTCGGAAAGAGGCCATCCAGGCCACAGCCCGAGAGCTCCTGAAGT
TCGTGAACCGGAGTCCCTCTCCTTTCCACGTCGTGGCTGAGTGCCGCAGCCGCCTCCTCCAGGCTGGCTT
CCGTGAACTCAAGGAAACAGAGGGCTGGGATATCGTACCAGAAAACAAGTACTTCTTAACCAGAAACTCC
TCCTCCATCATTGCTTTTGCTGTGGGGGGCCAGTATGTTCCTGGCAATGGCTTCAGCCTCATTGGGGCCC
ACACGGACAGTCCCTGTCTCAGGGTGAAACGCAAATCGCGCCGAAGCCAGGTGGGCTACCACCAGGTCGG
TGTTGAGACCTACGGCGGTGGGATCTGGAGCACATGGTTCGACCGGGACCTGACCTTGGCTGGACGCGTC
ATTATCAAGTGCCCTACCTCAGGCCGGCTGGAGCAGAGGCTCGTCCATATAGAACGGCCCATCCTGCGCA
TCCCACATCTGGCCATCCATCTGCAGCGAAATATCAATGAGAACTTTGGGCCCAACACAGAGATCCACCT
AGTCCCTATTCTTGCCACAGCAGTTCAGGAAGAGCTGGAGAAAGGGACTCCTGAACCAGGGCCTCTCGGT
GCCACTGATGAGCGGCACCACTCGGTCCTCATGTCCCTGCTCTGTACCCATCTGGGCCTGAGTCCTGACA
GCATCATGGAGATGGAGCTCTGCCTGGCAGACACCCAGCCTGCAGTCCTGGGTGGAGCCTATGAAGAGTT
CATCTTCGCTCCTCGACTGGACAATCTGCACAGCTGCTTCTGTGCCCTGCAGGCATTGATTGATTCCTGT
GCATCCCCTGCCTCTCTGGCCAGGGATCCACATGTGCGCATGGTCACACTCTACGACAATGAAGAGGTGG
GGTCAGAGAGTGCACAAGGAGCACAGTCCCTGCTGACGGAGCTGATACTACGGCGCATCTCAGCCTCACC
TCAGCGTCTGACTGCCTTCGAGGAAGCCATACCTAAGTCCTTCATGATCAGTGCAGACATGGCCCATGCT
GTGCACCCAAACTACTCGGACAAGCATGAAGAAAACCACCGGCCTTTGTTCCATAAGGGTCCTGTGATCA
AGGTGAACAGCAAGCAGCGCTACGCCTCTAATGCAGTGTCTGAGTCCATGATTCGAGAGGTGGCTGGCCA
AGTTGGGGTGCCCCTGCAGGACCTCATGGTCAGGAATGACTCCCCGTGTGGTACCACCATTGGACCTATC
TTGGCTTCTCGACTGGGGCTTCGGGTGCTGGACTTAGGCAGCCCCCAACTGGCTATGCACTCTATCCGGG
AGACAGCCTGTACCACTGGAGTTCTCCAGACCCTCACCCTTTTCAAGGGCTTCTTTGAGCTGTTCCCTTC
TGTAAGCCGGAACCTCTTAGTGGACTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA
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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.

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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).

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