

Product datasheet for **RN207306**

Dpep2 (NM_001011928) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpep2 (NM_001011928) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpep2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207306 representing NM_001011928
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCACTCAAGGGCCTCGAGGGTCATTGGGTGCTTAGCCAAGTGTTCCTGTTGGTGGTGGTCTGCTGC
 TGTTAGGGCCCTCAGAACCTCTAATAAGGGCCAGACAAAACCAGGCATCGCTGATGCTTCCACTGCACC
 AAGCCCCCTCAGAACACTCACCAGCCTGCCATCTTCAGCATTCCAACCCTCTGGCAACCCCAATTTCC
 CCAGACCTGCGAGATCGCACCAGAGCCCTGATGCAGGACTTCCCCTTATAGATGGCCACAATGACCTGC
 CTCTTGTCTGAGGCAATTTTACCAGAATGGACTACAAGATACTAACCTGAGAACTTCACCCATGGCCA
 GACCAGCCTGAATAGGCTTAAAGATGGCTTTGTGGGAGCCAGTCTGGTCTGCTTACGTGCCGTGCCAG
 ACCCAGGACCGGGATGCCCTGCGTCTCACACTGGAGCAGATCGACCTCATTGCGCGTATGTGTGCCTCTT
 ATTCTGAGCTGGAACCTGTGACCTCAGTTCAAGCTCTGAACAGCACCCAGAAATGGCCTGCCTCATTGG
 TGTGGAGGGTGGCCATTCAGTAGACAATAGCCTCGCTGTGCTTGAAGTTCTACCTGCTGGGGTGCCT
 TACCTGACTCACACACCTGCAACACACCCTGGGCAGAGAGCTCATCTAAGGACGTCCACTCATTCT
 ACAGCAGTGTCAAAGGACTGACCAGCTTTGGTGAGAAGGTGGTGGCAGAAATGAATCGCTTAGGGATGAT
 GATTGATTTGTCCATGTCTCAGACGCTACAGCCCGCAGGCTTTGGAAGTATCACAAAGCACCTGTGATC
 TTTTCCACTCGGCTGCCAGAGCCGTGTGCCAAATGCTCGGAATCTCCCTGATGATATCCTGCAGCTCC
 TGAAGAAGAAATGGTGGCATCGTGATGGTGACCTTTGCTGTAGGAGTGTACCCCTGCAACCCATTAGCCAA
 TGATCCACTGTGGCAGATCACTTTGATCACATCAGGACAGTATTGGATCCGAGTTCATCGGAGTTGGT
 GGAGATTATGACGGTACCAAGCAGTCCCTCAGGGGCTGGAGGATGTGTCTACATACCCAGTGTCTATAG
 AGGATTGCTGAGACGAGGCTGGGGTGAACAAGAGCTTCAAGGTGCTTTCGAGGGAACTGCTTCGGGT
 CTTCAGACAGGTGGAACAGGTACGAGAGAAAAACAAATGGCAGAGTCCCTGGAAGACATGATTCAGAG
 GAGCAGCTGGACAGTGTCTGACTCAGTCTTACCTCATCGGAGACAGTATCCAGAAAAGGACCCACCAG
 AGACTCCAGACTCTACACACAAGTTATCACCCAAGATGCCGTACTCAAAATCCTCTCCCTCAGAGC
 CTCAGCCTTACCATTATGGCCACCTTTTTAGGCCTTCTCATA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001011928
- Insert Size:** 1446 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_001011928.1](#), [NP_001011928.1](#)
RefSeq Size: 1658 bp
RefSeq ORF: 1446 bp
Locus ID: 291984
UniProt ID: [Q5M872](#)
Cytogenetics: 19q12
Gene Summary: Probable metalloprotease which hydrolyzes leukotriene D4 (LTD4) into leukotriene E4 (LTE4).
[UniProtKB/Swiss-Prot Function]