

Product datasheet for **MC227902**

Dpep2 (NM_001301204) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpep2 (NM_001301204) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpep2
Synonyms:	F630103D06Rik; MBD-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC227902 representing NM_001301204
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGCTCACGGGCCTCAAGGGTCATTGGGTGCTTGGCCATGGGCTTTCAGTGTTCCTGTTGGTGTCTGC
 TGCTGTTAGGGCCTTACAGCCTCTAATATGGACCCAGACAAAACCAGGCTTCTCTGGTGCCTCCACTAC
 ATCAAGCATCCCCAGAGCACTACCAAGCCCGACATTTCCAGCATTCCAACCACTCCTGGCAACCCCAAT
 TTCCAGACCTGCGAGATCGCGCAAGAGCTCTGATGCAGGAGTCCCGCTTATAGATGGCCACAATGACA
 TGCCTCTGTCTGAGACAATTTTACCAGAATGGACTACAAGATGCTAACCTGAGAACTTCACCCATGG
 CCAGACCAGCCTGGATAGGCTTAAAGATGGCTTGGTGGGAGCCAGTTCTGGTCTGCTTACGTACCATGC
 CAGACGCAGGACCGGGATGCCCTGCGTCTCACTCTGGAGCAGATAGACCTCATTGCGAGAATATGTGCCT
 CTTATTCTGAGCTGGAATTGTGACCTCAGTTAAAGCTCTGAACAGCACCCAGAAATTGGCTTGCCTCAT
 TGGTGTGAAGGTGGCCATTCAGTAGACAACAGCCTCGCTGTGCTTCAAGTTTCTACCTGCTGGGGGTG
 CGCTACCTGACGCTCACACACACCTGCAACACACCCCTGGGAGAGACCTCATCCAAGGGTGTCCACGCAT
 TCTACAGCAGTGTCACTGGACTGACCAGCTTGGTGTGAGAAGGTGGTGGCAGAAATGAATCGCTTAGGTAT
 GATGGTTGATCTGTCCCACGTCTCGGATGCTGCAGCCAGGCGGGCCTTGGAAATATCCAAGCCCTGTG
 ATTTTCTCCCACTCCGCTGCCAGGGCTGTGTGCCAAATGCTCGGAATCTTCTGATGACCTCCTGCAGC
 TTCTGAAGAAGAACGGTGGCATCGTGATGGTGACCTTCTCCGTAGGAGTGTACCGTGCAACCCTTTAGC
 CAATGTATCCACTGTGGCAGATCACTTTGACCACATCAGGTCAGTCATCGGATCCGAGTTCATCGGAATT
 GCGGAGATTATGATGGTACCAAACAGTCCCTCAGGGCCTGGAGGATGTGTCTACATACCCAGTGTCTCA
 TAGAGGAGTTGCTGAGACGAGGCTGGAATGAACAGGAACTCCAAGGCATCCTTCGAGGAAACCTGCTTCG
 GGTCTTCCGACAAGTGGAGCAGGTCAGAGACAAAAGCAAATGGCAAAGTCCCCTGGAAGACATGATCCCA
 GAGGAGCAGCTGGACAGTCTTGCCACTCAGCCCTGCGACCTCAGAAAACGCATCCAGAAAAGAACCAAC
 CGGAGACTCCAGAATATCATATACTCAAGTTCTCACACTCGAAATCCTCTCCCCACATTGTCCCAAGCCT
 CGCCATTGTTGCGACCTATTAGGCCTTATTGT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001301204
- Insert Size:** 1437 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001301204.1](#), [NP_001288133.1](#)

RefSeq Size: 1721 bp

RefSeq ORF: 1437 bp

Locus ID: 319446

UniProt ID: [Q8C255](#)

Cytogenetics: 8 D3

Gene Summary: Probable metalloprotease which hydrolyzes leukotriene D4 (LTD4) into leukotriene E4 (LTE4).
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the most abundant transcript and encodes isoform 1.