

Product datasheet for **MC227432**

Dpep2 (NM_001301205) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dpep2 (NM_001301205) 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)
Fully Sequenced ORF:	>MC227432 representing NM_001301205 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTCTTGTCTGAGACAATTTACCAGAATGGACTACAAGATGCTAACCTGAGAACTTCACCCATG
GCCAGACCAGCCTGGATAGGCTTAAAGATGGCTTGGTGGGAGCCAGTTCTGGTCTGCTTACGTACCATG
CCAGACGCAGGACCGGGATGCCCTGCGTCTCACTCTGGAGCAGATAGACCTCATTGCGAGAATATGTGCC
TCTTATTCTGAGCTGGAACCTGTGACCTCAGTTAAAGCTCTGAACAGCACCCAGAAATTGGCTTGCCTCA
TTGGTGTGGAAGGTGGCCATTCCTAGACAACAGCCTCGCTGTGCTTCGAAGTTTCTACCTGCTGGGGT
GCGCTACCTGACGCTCACACACACCTGCAACACACCCTGGGCAGAGACCTCATCCAAGGGTGTCCACGCA
TTCTACAGCAGTGTCACTGGACTGACCAGCTTTGGTGAGAAGGTGGTGGCAGAAATGAATCGCTTAGGTA
TGATGGTTGATCTGTCCCACGTCTCGGATGCTGCAGCCAGGCGGGCCTTGGAAAGTATCCCAAGCCCTGT
GATTTTCTCCCACTCCGCTGCCAGGGCTGTGTGCCAAATGCTCGGAATCTTCTGATGACCTCCTGCAG
CTTCTGAAGAAGAACGGTGGCATCGTGATGGTACCTTCCGTAGGAGTGTACCGTGCACCCCTTAG
CCAATGTATCCACTGTGGCAGATCACTTTGACCACATCAGGTCAGTCATCGGATCCGAGTTCATCGGAAT
TGGCGGAGATTATGATGGTACCAAACAGTCCCTCAGGGCCTGGAGGATGTGCTACATACCCAGTGCTC
ATAGAGGAGTTGCTGAGACGAGGCTGGAATGAACAGGAACCAAGGCATCCTTCGAGGAAACCTGCTTC
GGGTCTTCCGACAAGTGGAGCAGGTCAGAGACAAAAGCAAATGGCAAAGTCCCCTGGAAGACATGATCCC
AGAGGAGCAGCTGGACAGTGCTTCCCACTCAGCCCTGCGACCTCAGAAACAGCATCCAGAAAAGAACCAA
CCGGAGACTCCAGAATATCATATACTCAAGTTCTCACACTCGAAATCCTCTCCCACATTGTCCCAAGCC
TCGCCATTGTTGCGACCTTATTAGGCCTTATTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001301205
Insert Size:	1158 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:	<ol style="list-style-type: none">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:	<u>NM_001301205.1</u> , <u>NP_001288134.1</u>
RefSeq Size:	1406 bp
RefSeq ORF:	1158 bp
Locus ID:	319446
UniProt ID:	<u>Q8C255</u>
Cytogenetics:	8 D3
Gene Summary:	<p>Probable metalloprotease which hydrolyzes leukotriene D4 (LTD4) into leukotriene E4 (LTE4). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate exon compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.</p>