

## Product datasheet for MC208009

### Dpep1 (NM\_007876) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dpep1 (NM_007876) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpep1
Synonyms:	A1327012; MBD
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC208009 representing NM_007876 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGATCATCTGGTGGTTCTGGTCTCTGCTGGCCATCTGTGCTTCGGACTCATTCCGGGACCAGGCAG  
TGGCTATCATGAGAACCACACCGGTCATCGACGGGCACAACGACTTGCCTTGGCAACTGCTAAATTTGTT  
CAACAACCAGCTGCTGAGACCAGATGCTGACTTGAACAAGCTAGCCAAACACACACCAACATCCCAAG  
CTGAAGGCTGGCTTTGTGGAGGCCAGTTCTGGTCCGCATACATGCCTTGTGACACCCAAAACAAAGATG  
CCGTGAAGAGAATACTGGAACAGATGGATGTGATACACCGCATGTGCCAGCTCTATCCTGAGACCTTCAT  
GTGTGTTACCAATAGTTCAGACATCCTACAGGCTTCCGGAGGGGAAAGTGGCCAGTCTGATCGGCGTG  
GAAGGCGGCCACTTAATTGACAGCAGCCTTGGTGTCTGCGGACACTCTACCATCTGGGCATGCGGTATC  
TGACCCTCACCCACAATTGCAACACGCCCTGGGCCGACAACCTGGCTTGTGGACAGAGGAGATGATGAGGC  
TGAGAGCCATGGACTGTCACCCCTTGGGAAGCGCCTGCTGAACGAGATGAACCGCTTGGGTGTCATGATT  
GACCTGTCCCACGTGTCTGTGGCCACCATGAAGGACGCTTTCAGATCTCCAGGGCACCACTCATCTTCA  
GCCACTCCTTGCCCTACAGCCTGTGCCACACAGGCGGAATGTGCCCGATGACGTAAGTGGTGA  
GAACACAAGTAGTCTGGTGTGGTGAACCTTCTCAGCAACTTTGTGCTCCTGTTTCAGACAGCGCCACCTTG  
CCCAAGTGGCTGACCACCTGGACCACATCAAGAAGGTGGCAGGCGCTGGGGCTGTGGCCCTTGGAGGAG  
ATTATGATGGTGTACTATGCTTCTGTGGGACTGGAGGATGTTTCTAAGTACCCAGACCTGATAGCTGA  
GCTTCTCAGGAGAACTGGACAGAGACCGAGGTGAGAGTTTGTAGCTGACAACCTGATTCGGGTCTTC  
TCTGAAGTGAACCTGGTAAAGCAATAACATGCAGTCTCCTGAGGAAGTCCCTATCACCTGAAAGAGCTGG  
ACGGCTCTGCAGGACATACTATGGCTACTCTCAAGCTCACAGCATCCACTTGCAGACAGGAGCCCTGGT  
GGCCTCTGGCTTCCCTGCTCTCCGTCTCCATCTTCTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_007876
<b>Insert Size:</b>	1233 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_007876.2</a> , <a href="#">NP_031902.2</a>
<b>RefSeq Size:</b>	2249 bp
<b>RefSeq ORF:</b>	1233 bp
<b>Locus ID:</b>	13479
<b>UniProt ID:</b>	<a href="#">P31428</a>
<b>Cytogenetics:</b>	8 72.08 cM
<b>Gene Summary:</b>	Hydrolyzes a wide range of dipeptides. Implicated in the renal metabolism of glutathione and its conjugates. Converts leukotriene D4 to leukotriene E4; it may play an important role in the regulation of leukotriene activity.[UniProtKB/Swiss-Prot Function]