

## Product datasheet for **MC201008**

### Enpp5 (NM\_032003) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Enpp5 (NM_032003) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Enpp5
Synonyms:	AW061004; D17Abb1e; E-NPP 5
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC011294 sequence for NM\_032003  
 ACGGGATCCTACAGTGCCCTTGCTTCTGCCTCCTTTGGTCCCAAACGTTCCAGGACAGATCTGTCTCA  
 GCGCGGATTACCTTATGCTGAGCTGATCAAGGTCTTGAAAAATGATTCCAGAGTTTCTCCTTGTGTCTTG  
 CACACTGGCTACTCTATGCCATTCGGCTCCGTTTTCTCTACAGCCAGAAGAGCAGAAAAGTTCTGGTAGTT  
 TCTTTTGGATGGATTCCGCTGGGATTACTTATATAAAGTTCCAACCCCTCATTTCCATTATATCATGAAAA  
 ATGGTGTCCATGTGAACCAAGTCACTAATGTTTTTCATCACAAAGACCTACCCTAACCATACACTTTGGT  
 CACTGGTCTCTTTGCAGAGAATCATGGGATTGTTGCAAATGACATGTTTCGACCCTATTCTGAACAAGTCC  
 TTCTCCTTGGAGCACATGGATATTTATGATTCTAAGTTTTGGGAAGAAGCCACACCAATATGGATCACAA  
 ACCAGAGGGCAGGGCATGCTAGTGGCGCGGCCATGTGGCCCGGAGCAGATGTGAAGATCCACGATAGTTT  
 CCCGACCTATTATCTACCTTACAATGAGTCTGTTTCTTTGAAGACAGAGTTGCCAAAATCATTGAGTGG  
 TTTACAGCCAAAGATCCCATCAATCTCGGTTTCTCTACTGGGAAGAACCCGATGACACGGGCCATGATG  
 TGGGACCTGACAGTCTCTCATGGGGTCTGTTATTTCTGATGTTGACCACAAGTTAGGGTATCTGATAAA  
 GATGCTGAAAAGGGCAAAGTTGTGGAATAATGTTAACCTCATCGTCACGAGCGACCATGGGATGACCCAG  
 TGCTCTAAGCAAAGGGTATAGAACTTGATCGCTACCTGGACAAAGAGCACTACACCTTGATTGATCACT  
 CACCTGTAGCTGCCATCTGCCAAAAGAAGGTAATTTGATGAAGTCTATGATGCGCTGGCCGGTGCCCA  
 TCCTAATCTAACGGTCTACAAAAAGGAGGAGATACCGGAAAGATGGCATTACAAGACAATGACCGAGTT  
 CAACCAATCGTAGCTGTGGCCGATGAAGGGTGGTATATTTTGCAGAATAAGTCAGATGATTTTCTGTTAG  
 GCAACCATGGTTATGATAATGCATTAGCAGAAATGCATCCAATATTTTAGCCCACGGTCTGCCTTCAG  
 AAAGAATTTACAAAAGAAGCCATGAACTCCACAGATCTGTACTCACTGCTCTGCCACCTCCTCAATCTC  
 ACCGCCCTGCCACACAATGGATCATTCTGGAAATGTCCAGGACCTTCTCAGTTCAGCAACTCCCAAGCCAA  
 TTCCTTACACACAGAGTACCACACTCCTCCTTGGGAGTGACAAACCAGGGGAGGATGAGCAAGAGGAATC  
 GTACCTTATTACATAGGTGTCTCTCTTGGCAGCATCATAGCTATGGTATTCTTTGTAGTTCTCATTAAAG  
 CATTTAATACGCAGTCAAGTGCATACTTTACAATATAGGCAGGTGCAAGTTGCTCAACCGTTACTCCAAG  
 CTTAGTGCTTCTTTGACATGGAATGGCAGATCAAAGTGGAGGGTCCGAAATTTCTATCAGCGGTGACCCTT  
 CAGCTTCTCACAAAGCTAGTCACAGATATCTGCATAGGCCATTAAGCAGTTTACCATAACGCGGGCCAGT  
 CACAGGTACATACACGCACACCGACAGATCGAAACACTCCCTGCCTGCAAATGATCAAAGACGTTAAGGG  
 TACCCCTCCACGGCTTTCTCTGGCTTAGAGTATAGGTGCTCTGTCTGGGGTTGGCACGTACAATGTA  
 CATACTTAACAACCTTTGCACTATTGAGAGTACCTAAGTGTATCCTAGTAGGTAAGTACTTCTCTGACATG  
 CACTTTATAAATGCATCTAGTAAGTATTGAAACATGATATCCTTCTTCTCTGTCCACAAATACTAG  
 CATTCCATGTACAGAGTGAAGGAAGTTTCTAGCAATCCCAAATAATGTAGAATTTCTGTCTCCTAATTC  
 AGAGACTAGAAAGTAATGTAGGCAATAATTCCTTCTTGGCTTTGTGTTACGCTAATGAATGGAGTCAC  
 TGAATGAAATGCTAATGTACCTGCATTGCTGTCTGAACCCACGAATGTAAGATTTCACTTGTAAATA  
 CAAGCATTTTGTATTGTGTGAATTCATGTGTAAAAAATAGTTTAAAACAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_032003

**Insert Size:** 963 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).

<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="#">BC011294</a>
<b>RefSeq Size:</b>	2236 bp
<b>RefSeq ORF:</b>	963 bp
<b>Locus ID:</b>	83965
<b>UniProt ID:</b>	<a href="#">Q9EQG7</a>
<b>Cytogenetics:</b>	17 20.3 cM
<b>Gene Summary:</b>	<p>Can hydrolyze NAD but cannot hydrolyze nucleotide di- and triphosphates (PubMed:28898552). Lacks lysopholipase D activity. May play a role in neuronal cell communication (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>