

## Product datasheet for RN205492

### Enpp7 (NM\_001012466) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Enpp7 (NM\_001012466) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Enpp7  
 Synonyms: E-NPP 7  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN205492 representing NM\_001012466  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGCACTCAGCTGTCCTCTCTGTGGCTCTAGTCATCCTCCAGCTTGTGTGACTGGGGTCTCTG  
 TCCAAAGGCAGCAGCAGCATAAGCTTCTCCTTGTATCCTTCGATGGCTCCGCTGGAACATGACCAAGA  
 CGTGAAACCCCTAACCTGGACTCCATGGCTCAGGAAGGAGTAAAGCTCGCTACATGACTCCTGCCTTT  
 GTACCATGACCGCCCTGCCACTTTACACTGGTCACCGGCAAATACATCGAGAACCATGGGGTGGTCC  
 ACAACATGTTCTATAACACCACCAACAAGGTGAGGCTGCCCTACCATGCCACGCTTGGGATCCAGAGGTG  
 GTGGGATAACGGCAGCATAACCATCTGGATCACAGCCAGAGGCAGGGCTTAAAAACCGGCTCCTTCTTC  
 TACCCTGGTGGGAACGTACCTACCAAGGAGAGGCCGTGACGATGAGCCGGAAGGAAGGCGTCTTACACA  
 ATTACAAAAACGAGACAGAGTGGAGGGCAAATGTGGACACAGTGATGAAGTGGTTCACGGAGGAGGATGT  
 GTCCCTGGTCACTCTCTACTTTGGGGAGCCAGACTCCACTGGCCACAAGTATGGCCCTGAGTCCCAGGAG  
 AGGAAGGACATGGTGAACAGGTAGACAGGACGGTGGGCTACCTCCGGGACAGCATCAAGCGCCACCACC  
 TCACAGACAGCCTCAACCTGATAATCACCTCGGACCAGGCATGACGACCGTCAACAAGAAGGCCAGCGA  
 CTTGGTGCAGTTCCACAAGTTCCTCAACTTCACTTCCAGGACATTGAGTTCGAACTCTTGACTACGGG  
 CCCAACGGGATGCTGATCCCAAGGAAGGATGCTGGAGAAGGTATACAGTGTCTCAAGGATGCCACC  
 CCAGGCTGCATGTGTACAAGAAGGAGGACTTCCGGAAGACCTTTCACTACGCCAACAACCCAGGATCAC  
 ATCCCTGCTCATGTACAGTGACCTCGGCTATGTCAATCATGGGAGAGTGAACGTCAGTTCAACAGTGGT  
 GAGCATGGTTTCGACAACCAAGACATGGACATGAAGACCATCTCCGGGCTGTGGTCCCAGCTTCAAGG  
 CAGGCTTGAAGTGGAGCCCTTCGAGAGCGTCCATGTGTACGAGCTCATGTGCAGCTGCTGGCATTGT  
 GCCCGAGCCCAACGATGGGCATCCAGGCGTCTGCAACCCATGCTCCGGTCAGGATCTCCGCTCAGCAGG  
 CAGCACCACTTGGTGGTGGTGTGATGGGGATCCTAACGGTCTGGCCAAGGTCGTA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001012466
<b>Insert Size:</b>	1320 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>	<u><a href="#">NM_001012466.1</a></u> , <u><a href="#">NP_001012484.1</a></u>
<b>RefSeq Size:</b>	1320 bp
<b>RefSeq ORF:</b>	1320 bp
<b>Locus ID:</b>	303729
<b>UniProt ID:</b>	<u><a href="#">Q5EZ72</a></u>
<b>Cytogenetics:</b>	10q32.3
<b>Gene Summary:</b>	Converts sphingomyelin to ceramide and phosphocholine (PubMed:15708357). Can also cleave phosphocholine from palmitoyl lyso-phosphatidylcholine. Does not have nucleotide pyrophosphatase activity (By similarity).[UniProtKB/Swiss-Prot Function]