

Product datasheet for **MC202109**

Entpd8 (NM_028093) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd8 (NM_028093) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Entpd8
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031143 sequence for NM_028093
 GACAACTAGGGACGCTGCTCTTCCCTCCCTCCACAGGAGCAAGATGTAAGCCTGGAATTAATGAGATAGAG
 TAAAATTAGTAGATGCCAGAGCAGCAGCTAGAGAGCAGCCTGCTCCTCCCACCACAGCCCCAGGTTCAAG
 TAGGTGGAGACGGGGTGTGGAGGACAGCAGGTGTGCAGGTGAGAAGCAGAACTTCTCAAGCTATCCTTG
 AAAGTTGGCTCCCAGTGCAGACCCTCTCACCATGGGACTCTCCTGGAAGGAACGGGTCTTCATGGCTCTG
 TTGGGAGTTGCAGCAGCCTCTGGCCTCACCATGCTCGTCTCATCTGGTGAAGGCAATCAATGTTCTCT
 TGCTGCAGACACCAAGTTTGGATTGTGTTGATGCCGGCTCCTCCACACATCCCTGTTTGTGTACCA
 GTGGCCAGCAAACAAGGAGAAGGACACAGGAGTGGTCAGCCAGGCCCTGACTTGCCAGATAGAAGGACCT
 GGAATCTTCTTACCTATACCTCTGACCCGACACAGGCTGGGAAAAGCCTGAAGAGCTGCCTGGAGGAGCGC
 TGGCGTTGATCCCACAGGCCAGCATCCAGAGACGCCACATTCTTGGGGTCCACAGCAGGAATGAGGCT
 GCTCAGCCAGAAGAACAGCTCTCAGGCAAGAGACATCCTAGCTGCAGTCTCCAGACACTAAGCAAGTCT
 CCTGTGGATTTTTGGGGTCTAAGATCTTGGCTGGCAGGATGAAGGTGCCTTTGGCTGGATCACCATCA
 ACTATGCTCTGGGAATGCTCCTGAAGTATTCCTCTGGACAGTGGATCCTGCCTGAAGAGGGGATGCTAGT
 TGGTGCTCTGGACCTTGGTGGAGCCTCCACGCAGATCAGCTTCGTGCCTCAGGGCCCCATCTGGACCAG
 AGCACCCAAGTACCTTCCGCCTGTACGGTGCCAACTACAGTGTCTATACTCACAGCTACCTCTGCTTTG
 GCGGGACAGATCCTGAACAGGCTCCTGGCTAAGCTGGCACAGGACAGGTTGAGCAGCCAGGTGGCCCC
 GGTGAGACACCCATGCTACCACAGTGGCTACCAGGCCATACTGCCACTGAGTTTCTTGTATGACTCACCC
 TGCATCCACACTACAGATTCCCTGAACCACACCCAGAACCCTCACAGTTGAAGGGACAGGCGACCCTGGGA
 ACTGTGTGGTAGCTCTCCGAAGTCTCTTCAACTTCTCCAGCTGTAAAGGGCCAGAAGGATTGTGCTTTCAA
 TGGCATCTACCAGCCTCTGTGCACGGCCAGTTCTATGCATTTTCCAACCTTTACTACACCTTCCATTTT
 CTGAACCTCACGTCCAGGCAATCACTGAACACTGTCAACGACACTGTCTGGAAGTTCTGTCAGAAACCT
 GAAACTGGTGGAAAGTCACTATCCTGGCAGGAGCGCTGGTTACGGGACTACTGTGCCTCGGCTCTGTA
 CATCCTCGTATTGCTGCTGGAGGGCTACAAATTCAGTGAGGAGACCTGGCCCAACATCCAGTTCCAGAAG
 CAGGCAGGTAACACAGACATTGGCTGGACACTGGGCTTCATGCTGAACCTGACAGGCATGATTCCAGCTG
 AGGCACCGACCCACTGGCGGGCTCAGAGCTACAGCATCTGGACGCTGGAGTAGTATTTCGAGTGTGAC
 CCTTGTGGCCATTCTTGGGGCAGCTGCCATCCAGATCTTCTGGACCCAGGACTAGGTAGAAAACCAAGCTG
 AAGTAGATCACAGTCAACAATATCTAAAGCAGAAGTGTGAGTCAACAGTGACAACACAGCTGTTTGTGT
 TGTCAACCTTGTGATCCACCATCAACTGTTCTTAGGAAAGAAGGCCTTTGGCACACAGGACCTTCTGAGC
 AGATCCTAGATGCCTGCCCTTATGAACCCCTGACCTTTAAGGACTCCAGTCCATCAATTGGGCCAGGAGG
 GCCAATTGCTGATAGTACTGACTCCTTTATGCCCTCAGGATAGCACTGGCTATGGGGACTGATGTTGTCC
 ATAGGATAGAAAACAGGAGAGGCAGCTGTTGGAATAGTGCCACCTCAGAAGGCTGTGGCCAGCCCAGCAGA
 GACTCCCTGCTTCTCACTATATCAGACTAGACCAGACAGTCCAGTCCAGCTCTGGGGCCAGCCCAGCT
 TCCTCACACAAGAGCCTGTGGTTGGATTCTTTATCATCAATCCAGAATATAGATCAAGTTGGGAATG
 AGGAAATCATTTTTGTTTGTGTTGCTGTTTAAATTAAGCTGGTTTTGTCATGGTAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028093

Insert Size: 1494 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).

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: [BC031143](#), [AAH31143](#)

RefSeq Size: 2338 bp

RefSeq ORF: 1494 bp

Locus ID: 72090

UniProt ID: [Q8K0L2](#)

Cytogenetics: 2 A3

Gene Summary: Canalicular ectonucleoside NTPDase responsible for the main hepatic NTPDase activity. Ectonucleoside NTPDases catalyze the hydrolysis of gamma- and beta-phosphate residues of nucleotides, playing a central role in concentration of extracellular nucleotides. Has activity toward ATP, ADP, UTP and UDP, but not toward AMP.[UniProtKB/Swiss-Prot Function]