

Product datasheet for **MC200631**

Entpd2 (NM_009849) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd2 (NM_009849) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Entpd2
Synonyms:	Cd39l1; NTPDase2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC011241 sequence for NM_009849
 GGGTCCCTGCTGTGTTCTCCCGCGTCTCCCATGGCTGGAAAGTTGGTGTCACTGGTGCCACCCCTGCTG
 CTGGCTGCCGTGGGCCTCGCCGGCCTCCTGCTACTGTGCGTCCCTACCCAAGACGTCCGGGAGCCGCCCG
 CCCTCAAGTATGGCATCGTTCTGGATGCTGGCTTTCACACACATCCATGTTTGTCTACAAGTGGCCAGC
 GGACAAGGAAAATGACACAGGTATCGTGGGCCAGCACAGCTCTTGCATGTTTCGAGGTGGTGGCATCTCC
 AGCTACGCAAATGACCCTTCTAGGGCAGCCAGAGTCTGGTTGAATGTCTTGAACAGGCACTTCGGGATG
 TGCCCAAAGACAGATATGCCAGCACTCCACTCTACCTGGGAGCTACAGCAGGCATGCGCCTACTCAACCT
 GACCAGCCAGAGGCCACAGCCAAGGTGCTGGAGGCAGTGACACAGACGCTCACACGGTACCCTTTGAC
 TTCCTGGTGCCCGCATCCTCTCGGGACAGGATGAAGGGGTGTTTGGCTGGGTGACTGCCAACTACCTGC
 TGGAGAACTTCATCAAGTATGGCTGGGTAGGCCGGTGGATACGGCCAAGGAAGGAACTCTGGGGCCAT
 GGACCTTGGGGTGCCTCAACACAGATCACCTTTGAGACAACCAAGTCCATCTGAAGATCCAGATAATGAG
 GTCCATTTGCGGCTCTATGGCCAGCATTACCGTGTCTACACCCATAGCTTCTCTGCTATGGCCGGGACC
 AGGTTCTCCAGAGGCTTCTGGCCAGTGCCTCCAGATCCATCGCTTCCACCCTGCTGGCCAAAGGGCTA
 CTCACCCAAGTGTCTCCGGGAAGTCTACCAGTCTCCATGCACTATGGGTGAGCGTCCCAGACCTTC
 AACAGCAGTGCCACTGTACGCCTGTGAGGACCAGCAACGCTGCCCTCTGTCGTGACCTCGTCTCTGGGC
 TCTTCAATATCTCCTCCTGTCCTTTTCCCAATGCTCCTTCAATGGGGTTTTCCAGCCTCCCGTGGCTGG
 GAACCTTATAGCCTTTTCTGCTTCTACTATACTGTAGACTTCCCTGAAGACAGTGTGGGGCTGCCTGTG
 GGAACCTGAAGCAGCTGGAGGATGCCACAGAGACCACCTGCAACCAGACCTGGGCTGAGCTTACAGCCC
 GAGTACCCGGACAGCAGACCCGCTGCCTGACTACTGCGTGTAGCCATGTTTCATACATCAGCTATTGAG
 CCGCGTTATCGCTTCGACGAGCGCTCTTCCGTGGAGTGGTCTTCGAAAAGAAGGCGGCAGACACGGCT
 GTCGGCTGGGCGCTGGGCTACATGCTGAATTTGACCAACCTGATCCCGCTGACCTCCGGGACTACGTA
 AGGGCACCCACTTCAGCTCCTGGGTTGCTCTCTGCTGCTTTCACAGTCTGATCTTGGCGGCTTTGGT
 CCTGCTTTCGCGCAGGTGCGCTGCAAGTCCCAGGCGCCCTTAGGGGTGCGCTGGGAGCTTCTCC
 CAACTCCCGGCTATCTCTCTTCCGAGGCATCTGACCTGAAGCAGCCTGGAGCGTCTTATCTACA
 CTCACAGAAAGTCTACATGGGCAGCCCTGAGTGTCTCAATTAATCCTCCGCTCTTTCCTGGGATGCA
 GGTCTCTTAGCCTGCGACTCAGGGTGAGGTCCATTCCGAGTGGAGCCTCTGTTCTGATTGATCTTCAGGG
 CCCTGGTACTTTCTGTCTGGGCCTTTAGAAAAGGCAAGCACCAGAGACTACAGGCTAGGAGTCAAGTCCA
 TGCCTACTTGTAATAAATTTGTAATAAAGATTTTTTCTAGAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009849

Insert Size: 1488 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: [BC011241](#), [AAH11241](#)

RefSeq Size: 1886 bp

RefSeq ORF: 1488 bp

Locus ID: 12496

UniProt ID: [O55026](#)

Cytogenetics: 2 A3

Gene Summary: In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Hydrolyzes ADP only to a marginal extent (By similarity).
[UniProtKB/Swiss-Prot Function]