

Product datasheet for **RN205349**

Entpd2 (NM_172030) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd2 (NM_172030) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Entpd2
Synonyms:	Cd39l1; NTPDase2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205349 representing NM_172030
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGAAGTTGGTGTCACTGGTGCCACCCTGCTGTGGCTGCCGCGGGCCTCGCCGGCCTTCTGC
 TACTTTGCGTCCCTACCCAAGACGTCCGGGAGCCGCCCGCCCTCAAGTACGGCATTGTCCTGGATGCGGG
 CTCTTCACACACATCCATGTTTTGTCTACAAGTGGCCAGCGGACAAGGAGAATGACACAGGCATCGTGGG
 CAGCACAGCTCTTGATGTTCAAGGTGGTGGCATCTCCAGCTATGCAAATGACCCTCTAAGGCAGGCC
 AGAGTCTGGTCCGATGCCTTGAGCAGGCCCTTCGGGATGTACCCAGAGACAGACATGCTAGCACACCACT
 CTACCTGGGAGCTACAGCAGGCATGCGCCTGCTCAACCTGACCAGCCAGAGGCCACAGCCAGGGTGCTT
 GAGGCAGTGACACAGACGCTCACACAGTACCCCTTTGACTTCCGTGGTGTGCGATCCTCTCGGGACAGG
 ATGAAGGGGTGTTGGCTGGGTGACTGCCAACTACCTGCTGGAGAATTCATCAAGTATGGCTGGGTGGG
 CCGGTGGATACGGCCAAGGAAGGGAACACTGGGGGCCATGGACCTTGGGGGTGCTTCGACACAGATCACC
 TTTGAGACAACCAAGTCCCTCTGAAGATCCAGGCAACGAGGTTCAATTTGCGACTCTATGGCCAGCATTACC
 GCGTTTACACACATAGCTTCTCTGCTATGGCCGAGACCAGATTCTCTGAGGCTTCTGGCCAGTGCCCT
 CCAGATCCATCGCTTCCACCCCTGCTGGCCAAAGGGCTACTTACCCAAGTGTGCTCCAGGAAGTCTAC
 CAGTCGCCATGCACGATGGGTGACGCTCCCGGGCCTTCAATGGCAGTGCATCGTCAGCCTGTCAGGAA
 CCAGCAATGCTACCCTGTGCTGACCTCGTCTCTCGGCTCTTCAACATCTCTCTGCCCCTTTTCCCA
 ATGCTCCTTCAATGGGGTCTTCCAGCCTCCCGTACTGAAACTTCATAGCCTTTTCTGCTTTCTACTAT
 ACTGTGGACTTCTGACAACAGTGTGGGGTGCCTGTGGAAACCCTGAAGCAGCTGGAGGAAGCCACAG
 AGATCACCTGCAACCAGACATGGACTGAACTTCAGGCCGAGTGCCAGGACAAAAGACCCGCTGGCTGA
 CTACTGTGCTGTAGCCATGTTTATACATCAGCTTCTGAGCCGTGGTTACCACTTCGATGAGCGCTCCTTC
 AGAGAAGTGGTCTTCAAAGAAGGCTGCAGACACGGCTGTCGGCTGGGCGCTGGGCTACATGCTGAATT
 TCACTAACCTGATTCCTGCCACCTCCCGGACTACGCAAGGGCACCCACTTCAGCTCCTGGGTGCTCT
 CCTGCTGCTTTCACAGTCTGATCTTGGCGGCGTGGTCTGCTCCTGCGCCAGGTGCGTTCTGCCAAG
 TCTCCAGGCGCCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172030

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: [NM_172030.1](#), [NP_742027.1](#)

RefSeq Size: 1900 bp

RefSeq ORF: 1488 bp

Locus ID: 64467

UniProt ID: [O35795](#)

Cytogenetics: 3p13

Gene Summary: catalyzes the hydrolysis of extracellular nucleotides; may regulate nucleotide mediated signaling [RGD, Feb 2006]