

Product datasheet for **RN204121**

Entpd1 (NM_022587) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd1 (NM_022587) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Entpd1
Synonyms:	NTPDase-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204121 representing NM_022587
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGATATAAAGGATTCTAAGTGGAAGAGATTTTGCTCCAAAATATTCTGATCATCTTGGTTTCT
CCTCTGTCTTGGCTGTGATAGCTTTGATTGCTGTGGGACTGACCCAGAACAACCAATTGCCAGAAAATGT
TAAGTATGGGATTGTGCTGGATGCCGGTCTGTCTCACACCAACCTGTACATCTACAAGTGGCCGGCTGAG
AAGGAGAATGATACAGGAGTGGTGCAGCAGTTAGAAGAATGCCAAGTGAAGGTCCCGGAATCTCAAAAT
ACGCTCAGAAAACAGATGAAATAGCTGCATATCTGGCTGAATGCATGAAAATGTCCACTGAGCGGATACC
AGCGTCCAAACAGCACCAGACACCCGTGTACCTGGGAGCCACCGCGGCATGCGCTTGCTCAGAATGGAA
AGCAAGCAATCGGCAGACGAAGTCTGGCTGCAGTGTGAGGAGCCTGAAGAGCTACCCCTTTGACTTCC
AGGGCGCCAAGATCATCACTGGGAGGAGGAAGGGCCATGGGTGGATTACTATTAAGTATCTGCTGGG
CAGATTCACTCAGGAACAGAGTTGGCTAACTTCATCTCAGACAGCCAGAAAACAGGCAACCTTTGGCGCT
TTGGATCTTGGCGGAGCTTCTACACAGATCACCTTCGTGCCCTAACAGCACTTAGAGGCCCCAGAAA
CCTCCCTGCAGTTCGGTCTCTACGGCACGGACTACACCGTGTACACACAGCTTCTGTGCTATGGGAA
GGATCAGGCACTCTGGCAGAACTGGCCAGGACATTCAGGTTTCAAGTGGTGGGATTCTCAAGGACCCG
TGCTTTTACCCAGGATATAAGAAGTTGTGAATGTAAGCGAAGCTATGGCACTCCCTGCACCAAGAGAT
TTGAGAAGAAGCTACCGTTTAAATCAGTTTCAAGTCCAGGGCACTGGAGACTACGAACAGTCCACCAGAG
CATCCTCAAGCTTTCAACAACAGCCACTGCCCTTACTCCCAGTGTGCCTTCAACGGTGTCTTCTTACCA
CCTCTCCAGGGGAGTTTGGGGCATTCTGCTTCTACTTTGTGATGGACTTTTTAAGAAGATGGCGGA
ACGACAGTGTCTCTCAGGAGAAAATGACTGAGATAACAAAAAATTTGCTCAAAGCCTTGGGAGGA
GGTAAAGGCATCTTATCCTACAGTAAAGGAGAAGTACCTGAGTGAATACTGTTTCTCGGGGACCTACATC
CTGTCTCTCCTTCTGCAAGGCTATAACTTCACGGAACTCCTGGGACCAGATTCAATTTATGGGCAAGA
TCAAAGACAGCAACGCAGGGTGGACTTTGGGCTACATGCTGAACTTGACCAACATGATCCAGCTGAACA
GCCATTATCCCCGCCTCTCCCTCACTCCACCTACATCAGCCTCATGGTTCTTCTCCCTGGTCTTGGTC
GCCATGGTCATCACAGGGCTGTTTCATCTTTAGCAAGCCTTCGTATTTCTGGAAAGAGGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_022587

Insert Size: 1536 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_022587.2](#), [NP_072109.2](#)

RefSeq Size: 4125 bp

RefSeq ORF: 1536 bp

Locus ID: 64519

Cytogenetics: 1q54

Gene Summary: has apyrase activity; may inactivate signaling mediated by extracellular nucleotides [RGD, Feb 2006]