

Product datasheet for **RN206918**

Enpp3 (NM_019370) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Enpp3 (NM_019370) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Enpp3
Synonyms:	B10; E-NPP 3; Npp3; PD-Ibeta; RB13-6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206918 representing NM_019370
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATTCCAGGCTAGCTTTAGCCACGGAGGAGCCATTAAGAAAGACAGCCTGAAGAGATAAAGATCC
 TTTGTGCGGTTCTTCTTGTCTTGTGGTATCGTGTGCGTTGGATTGGGCCTGGGCTGGGACTCAGGAA
 ACCTGAAGAGCATATAGGCAGCTGCAGGAAAAATGCTTTGATTTCGTACACAGAGGACTGGAGGTTGC
 CGCTGTGACTCCGGATGCACAGACCGGGGAGACTGCTGCTGGGACTTTGAAGATACCTGTGTGAAATCAA
 CTCAAATCTGGACGTGTAATTCGTTCCGCTGTGGGGAGACCAGACTAGAGGCAGCCCTCTGTTCTGTGC
 GGATGACTGTCTGCAGAGGAAGGACTGCTGCACTGACTACAAGGCTGTGTCCAAGGAGAAGTCCCATGG
 GTGACAGAAGCCTGTGCCTCATCCAGGAGCCCCAGTGTCCAGAAGGTTTGACCAGCCACCGGTTATCT
 TGTTCTCCATGGACGGCTTTAGAGCGGAGTACTTACAAACATGGAGCACCCCTGCTGCCAAACATTAACAA
 ACTGAAAACATGTGGACTCCATTCCAAATATATGAGAGCAATGTATCCACCAAAACCTTTCCAAATCAT
 TATACCATTGTCACGGGTTTGTATCCAGAGTCGCACGGCATATTGACAATAACATGTATGATGTGTACC
 TCAACAAGAATTTTTCACTTTCTTCAGTGGAGAAAAGTAAACCCTGCCTGGTGGAGTGGGAGCCGATTTG
 GTTAACAGCAATGTATCAAGGCTTAAAAGCTGCTTCTACTACTGGCCAGGATCAGATGTGGCTGTCAAT
 GGCTCCTTCCCTAACATCTACAGGAATTACAGCAATTCGCTCCCATATGAAAAGTAGGATTGCTACTACTGT
 TGCAATGGCTGGACCTGCCCAAAGCTGAACGACCCAGTTTTTACACCATATATGTGGAAGAGCCCGATTC
 TGCGGGGCACAAGAGTGGACCAGTCAGTGTGGAGTCATTAAGCCTTACAGTTAGTTGATGATGCCTTT
 GGGATGCTGATGGAGGTTTGAACAGAGGAATTTACACAACGTGTCAACATAATCGTTCTGGCTGATC
 ATGGAATGGACCAGACCTCTTGTGACAGAGTGAATACATGACAGATTATTTTCCGAAAACAACTTCTA
 CATGTACCAAGGACCTGCCCTCGAATCAGGACTCGTAATATACCTCAGGACTTCTTACCTTTAATTCC
 GAAGAGATTGTCAGAGACCTCAGCTGTCGAAAATCCGATCAACACTTCAAACCCTACTTGACTCCGGATT
 TGCCGAAACGACTGCACTATGCCAAGAAGCTCAGGATTGACAAAGTTCATCTAATGGTGGATCGGCAATG
 GCTGGCTTACAGGAACAAAGGGAGTTCAAACCTGCGAAGGCGGAACACACGGTTACAACAATGAATTTAAA
 AGTATGGAGGCAATCTTTTTGGCACATGGACCCAGCTTTAAAGAGAAGACTGTTATCGAACCATTGAAA
 ACATCGAAGTCTATAATCTACTGTGTGATCTTCTGCACATCCAACCGGCACCAACAACGGTTCTCACGG
 TAGCCTGAATCATCTTCTGAAGGCACATTTTACCAGCCGTCGCATGCAGAGGAATTGTCAAAGTCTGCT
 GGCTGTGGTTTTACTACTCCATTGCCTAAGGACTCACTAACTGCTCCTGCCTCGCACTGCAGACTTCTG
 GTCAAGAAGAGCAAGTCAACCAAAGACTAAATCTCAGTGGAGGAGAGGTCTCAGCAACAGAGAAGACAAA
 TTTGCCATTTGGGAGGCCAGGGTGATACAGAAGAACAAGACCCTGTCTGCTTTACCACAGGGAATAC
 GTCAGTGGGTTTGGGAAAGCTATGAAGATGCCCATGTGGAGTTCATACACCGTTCCCAAGCCGGGAGACA
 CATCATCTCTTCTCCACAGTTCAGACTGTCTGCGGGCTGATGTCCAGGTTGATCCTTCGGAGAGCCA
 AAAATGTTCTCTATTTAGCAGACCAGAATATCGACCATGGCTTCTCTATCCTCCCGCAATCAAAGGA
 AATAATGAGAGTCAATATGATGCTTTAATTACAAGTAATTTGGTCCCAATGTATAAAGAATCAAAAAAA
 TGTGGGACTACTCCATAAAGTTCTCCTTATAAAAACGCTATAGAAAGAAATGGAGTGAATGTGGTTAG
 TGGACCCATATTTGATTACAATTATGATGGCCATTTTGTGATGCCCCGATGAAATCACAACACTATGTAGCT
 GGCACCGATGTTCTGTCCCGACACACTACTTTGTGGTACTGACAAGCTGTAAAAACAAAACCCACACAC
 CCGACAGCTGCCCTGGGTGGCTGGATGTCTGCCCTTGTGTCCTCACCGGCCACCAACGTGAAAAG
 CTGTCTGAAAACAAAGCAGAAGACCTTTGGGTTGAAGAGAGATTTAAAGCACACATCGCCCGGTCCTGT
 GATGTGGAGCTCCTCACTGGCCTTGACTTTTATCAGGAAAAACACAGCCCGTCTCTGAAATTTGCAGC
 TGAAGACATATTTGCCACATTCGAAACCATTATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_019370

Insert Size:	2628 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:	<ol style="list-style-type: none">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_019370.2 , NP_062243.2
RefSeq Size:	2799 bp
RefSeq ORF:	2628 bp
Locus ID:	54410
UniProt ID:	P97675
Cytogenetics:	1p12
Gene Summary:	alkaline phosphodiesterase I; may be involved in regulation of vascular smooth muscle cell growth [RGD, Feb 2006]