

Product datasheet for **RN214548**

Entpd6 (NM_053498) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd6 (NM_053498) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Entpd6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214548 representing NM_053498
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGAAAAATACCAAACCATGGGACCTTGCGGATGACGAAGGTGGCGTATCCCCTGGGACTGTGCGTGG
 GCCTGTTTCATCTATGTTGCCTATATCAAGTGCCACCGGGCTCCGCCGCCAGGCCCTTCTCACCATTGC
 TGGGGCTGCCTCAGGAGTGCGGTGGACCAACAGGCCCTCAGCTCTCCAGACTCAGCCACACGTGGTCAC
 GAGGTCTTCTATGGGATCATGTTTGATGCCGGGAGTACCGGCACCCGCATCCACGTCTTCCAGTTTGCC
 GGCCACCTGGAGAACTCCACCTTGACCCACGAAACCTCAAAGCTCTGAAGCCTGGGCTTTCTGCGTA
 TGCCGATGATGTTGAAAAGAGCGCCCAAGGGATCCAGGAGCTTCTGAATGTGCCAAGCAACACATTCCA
 TACGACTTCTGGAAGGCCACCCCTCTGGTTCTCAAGGCCACAGCTGGTCTGCGCTGCTGCCGGGAGAAA
 AGGCTCAGAAGTTGCTGCAAAAGGTGAAGGAGGTGTTAAGGCATCACCTTCTTGTAGGGGATGACTG
 TGTTTCCATCATGAATGGCACAGATGAAGGTGTTTCGGCTTGGATCACTGTCAACTTCTGACAGGCAGT
 CTGAAGACCCAGGAAGCAGCAGTGTGGCATGCTGGACTTGGGCGGAGGATCCACTCAGATCACCTTCC
 TCCCACGTGTCGAGGGTACCCTGCAGGCCCTCCCACCCGCCACCTGACAGCGCTGCAGATGTTAACAG
 GACTTTCAAGCTGATTCTACAGCTACCTGGGCTGGGACTGATGTCCGCACGACTGGCTATCTTGGGT
 GGTGTGGAGGGGAAACCTGCTGAGGATGACAAGGAACTGGTCAGCCCCTGTCTGTCTCCCGGTTACAG
 GAAAGTGGGAGCATGCGGAGGTCACCTATAGAATTTAGGACAGAAGGCAGTGGGCTCTACGAGCTGTG
 TGCCAGCAGGGTATCAGAAGTCTCCGCAATAAAGTACACAGGACAGAAGAGGCGCAGCAGTGGACTTC
 TATGCGTTTTCTACTACTACGACCTTGGTCCAGCTTTGGCCTTATAGATGCAGAGAAAGGAGGCAGCC
 TTGTAGTTGGAGACTTTGAGATAGCAGCAAGTATGTCTGCCCACTCTGGAGACACAGCCTCCAAGCAG
 CCCTTTGCTTGATGGACCTCACCTACATCAGCCTCCTGCTCCACGAGTTTGGTTTTCCCGGGGACAAG
 GTACTGAAGCTGCTCGAAAAATTGACAATGTTGAAACCAGCTGGGCTCTGGGGCTATTTTTTCATTACA
 TCGACTCCCTGAAGAGACAGAAGTTCTGCCTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053498

Insert Size: 1368 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_053498.1](#), [NP_445950.1](#)

RefSeq Size:	2458 bp
RefSeq ORF:	1368 bp
Locus ID:	85260
UniProt ID:	<u>Q9ER31</u>
Cytogenetics:	3q41
Gene Summary:	nucleoside diphosphatase; may mediate glycosylation reactions in the Golgi apparatus; may catalyze hydrolysis of extracellular nucleotides [RGD, Feb 2006]