

Product datasheet for **RC238306**

ENTPD3 (NM_001291961) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ENTPD3 (NM_001291961) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ENTPD3
Synonyms:	CD39L3; HB6; NTPDase-3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC238306 representing NM_001291961
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTCACTGTGCTGACCCGCCAACCATGTGAGCAAGCAGGCCTCAAGGCCCTCTACCGAACTCCAACCA
 TCATTGCCTTGGTGGTCTTGCTTGTGAGTATTGGTACTTGTGAGTATCACTGTATCCAGATCCACAA
 GCAAGAGGTCTCCCTCCAGGACTGAAGTATGGTATTGTGCTGGATGCCGGTCTTCAAGAACCACAGTC
 TACGTGTATCAATGGCCAGCAGAAAAAGAGAATAATACCGGAGTGGTCAGTCAAACCTTCAAATGTAGTG
 TGAAAGGCTCTGGAATCTCCAGCTATGGAAATAACCCCAAGATGTCCCAGAGCCTTTGAGGAGTGTAT
 GCAAAAAGTCAAGGGCAGGTTCCATCCACCTCCACGGATCCACCCCATTCACCTGGGAGCCACGGCT
 GGGATGCGCTTGTGAGGTTGAAAATGAAACAGCAGCTAATGAAGTCTTGAAGCATCCAAAGCTACT
 TCAAGTCCAGCCCTTTGACTTTAGGGGTGCTCAAATCATTTCTGGCAAGAAGAAGGGGTATATGGATG
 GATTACAGCCAACTATTTAATGGGAAATTTCTGGAGAAGAACCCTGTGGCACATGTGGGTGCACCCGCAT
 GGAGTGGAAACCACGGGTGCCCTGGACTTAGGTGGTGCCTCCACCCAAATATCCTTCGTGGCAGGAGAGA
 AGATGGATCTGAACACCAGCGACATCATGCAGGTGCCCTGTATGGCTACGTATACACGCTCTACACACA
 CAGCTTCCAGTGTATGGCCGGAATGAGGCTGAGAAGAAGTTTCTGGCAATGCTCCTGCAGAATTCCT
 ACCAAAAACCATCTACCAATCCCTGTTACCCTCGGATATAGCATCAGCTTACCATGGGCCATGTAT
 TTGATAGCCTGTGCACTGTGACCAGAGGCCAGAAAGTTATAACCCCAATGATGTCATCACTTTTGAAGG
 AACTGGGACCCATCTCTGTGTAAGGAGAAGGTGGCTCCATATTTGACTTCAAAGCTTGCATGATCAA
 GAAACCTGTTCTTTTGTGAGGTTTATCAGCCAAAGATTAAAGGGCCATTTGTGGCTTTTGCAGGATTCT
 ACTACACAGCCAGTGTCTTAAATCTTTAGGTTAGCTTTTCCCTGGACACCTTCAACTCCAGCACCTGGAA
 TTTCTGCTCACAGAATTGGAGTCAGCTCCCACTGCTGCCCAAAATTTGATGAGGTATATGCCCGCTCT
 TACTGTTCTCAGCCAACTACATCTACCACTGTTTGTGAACGGTTACAATTACAGAGGAGACTTGGC
 CCCAAATACACTTTGAAAAAGAAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238306 representing NM_001291961
 Red=Cloning site Green=Tags(s)

MFTVLTRQPCEAGLKALYRPTIIALVLLVSIIVLVSITVIQIHKQEVLPPLKYGIVLDAGSSRTTV
 YVYQWPAEKENNTGVVSQTFKCSVKGSGISSYGNPQDVPRAFEECMQKVKGVPSHLHGSTPIHLGATA
 GMRLRLQNETAANEVLESIQSYFKSQPFDFRGAQIIISGQEEGVYGWITANYLMGNFLEKNLWHMWVHPH
 GVETTGALDLGGASTQISFVAGEKMDLNTSDIMQVSLYGYVYTLYTHSFQCYGRNEAEKKFLAMLLQNSP
 TKNHLTNPCYPRDYSISFTMGHVFDLCTVDQRPEYNPNVDVITFEGTGDPSLCKEKVASIFDFKACHDQ
 ETCSFDGVYQPKIKGPFVAFAGFYTASALNLSGSFSLDTFNSSWNFCSQNWSQLPLLLPKFDEVYARS
 YCFSANIYIYHLFVNGYKFTTEETWPQIHFEKEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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_001291961.2](#)

RefSeq Size: 1730 bp

RefSeq ORF: 1359 bp

Locus ID: 956

UniProt ID: [O75355](#)

Cytogenetics: 3p22.1

Protein Families: Transmembrane

Protein Pathways: Purine metabolism, Pyrimidine metabolism

MW: 51.2 kDa

Gene Summary: This gene encodes a plasma membrane-bound divalent cation-dependent E-type nucleotidase. The encoded protein is involved in the regulation of extracellular levels of ATP by hydrolysis of it and other nucleotides. Multiple transcript variants have been described. [provided by RefSeq, May 2014]