

Product datasheet for **MR207944**

Entpd2 (NM_009849) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd2 (NM_009849) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Entpd2
Synonyms:	Cd39l1; NTPDase2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207944 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGAAAGTTGGTGTCACTGGTGCCACCCTGCTGTGGCTGCCGTGGGCCTCGCCGGCCTCTGTC
 TACTGTGCGTCCCTACCCAAGACGTCCGGGAGCCGCCCGCCTCAAGTATGGCATCGTTCGGATGCTGG
 CTCTTCACACACATCCATGTTTTGTCTACAAGTGGCCAGCGGACAAGGAAAATGACACAGGTATCGTGGGC
 CAGCACAGCTCTTGCGATGTTTCGAGGTGGTGGCATCTCCAGCTACGAAATGACCCTTCTAGGGCAGGCC
 AGAGTCTGGTTGAATGTCTTGAACAGGCACTTCGGGATGTGCCAAAGACAGATATGCCAGCACTCCACT
 CTACCTGGGAGCTACAGCAGGCATGCGCCTACTCAACCTGACCAGCCAGAGGCCACAGCCAAGGTGCTG
 GAGGCAGTGACACAGACGCTCACACGGTACCCCTTTGACTTCCGTGGTGGCCGCATCCTCTCGGGACAGG
 ATGAAGGGGTGTTGGCTGGGTGACTGCCAACTACCTGCTGGAGAATTCATCAAGTATGGCTGGGTAGG
 CCGGTGGATACGGCCAAGGAAGGGAAGCTCTGGGGCCATGGACCTTGGGGGTGCCTCAACACAGATCACC
 TTTGAGACAACCAAGTCCATCTGAAGATCCAGATAATGAGGTCCATTTGCGGCTCTATGGCCAGCATTACC
 GTGTCTACACCCATAGCTTCTCTGCTATGGCCGGGACCAGGTTCTCCAGAGGCTTCTGGCCAGTGCCCT
 CCAGATCCATCGCTTCCACCCCTGCTGGCCAAAGGGCTACTCCACCCAAGTGTCTCCGGGAAGTCTAC
 CAGTCTCCATGCACTATGGGTACAGCTCCCGACCTTCAACAGCAGTGGCACTGTGAGCCTGTGAGGGA
 CCAGCAACGCTGCCCTCTGTGCTGACCTCGTCTCTGGGCTCTTCAATATCTCCTCTGTCCCTTTTCCCA
 ATGCTCCTTCAATGGGGTTTTCCAGCCTCCCGTGGCTGGGAATTCATAGCCTTTTCTGCTTTCTACTAT
 ACTGTAGACTTCTGAAGACAGTATGGGGTGCCTGTGGGAACCCTGAAGCAGCTGGAGGATGCCACAG
 AGACCCTGCAACCAGACCTGGGCTGAGCTTCAGGCCGAGTACCCGGACAGCAGACCCGCTGCTGTA
 CTACTGCCGCTGTAGCCATGTTTCATACATCAGCTATTGAGCCGCGGTTATCGCTTCGACGAGCGCTCTTTC
 CGTGGAGTGGTCTCGAAAAGAAGGCGGACAGACGGCTGTGGGCTGGGCGCTGGGCTACATGCTGAATT
 TGACCAACCTGATTCCCCTGACCTCCCGGGACTACGTAAGGGCACCCACTTCAGCTCCTGGGTTGCTCT
 CCTGCTGCTTTCACAGTCTGATCTTGGCGGCTTTGGTCTGCTCTTGCGCCAGGTGCGCTCTGCCAAG
 TCCCCAGGCGCCCTC

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207944 protein sequence
 Red=Cloning site Green=Tags(s)

MAGKLVSLVPPLLLAAVGLAGLLLLCVPTQDVREPPALKYGIIVLDAGSSHTSMFVYKWPADKENDTGIVG
 QHSSCDVRGGGISSYANDPSRAGQSLVECLEQALRDVPKDRYASTPLYLGATAGMRLNLSPEATAKVL
 EAVTQTLTRYPFDFRGARILSGQDEGVFGWVTANYLLENFIKYGWVGRWIRPRKGLGAMDLGGASTQIT
 FETTPSEDPDNEVHLRLYGQHYRVYTHSFLCYGRDQVLQRLASALQIHRFHPCWPKGYSTQVLLREVV
 QSPCTMGQRPTFNSSATVSLSGTSNAALCRDLVSGLFNISSCPFSQCSFNQVFPVAGNFIAFSAFYY
 TVDFLKTVMGLPVGTLKQLEDATETTCNQTWAEQARVPGQQLRPLDYCAVAMFIHQLLSRGYRFDERSF
 RGVVFEKKAADTAVGWALGYMLNLTNLIPADLPGLRKGTHFSSWVALLLFTVLILAALVLLLRQVRSK
 SPGAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

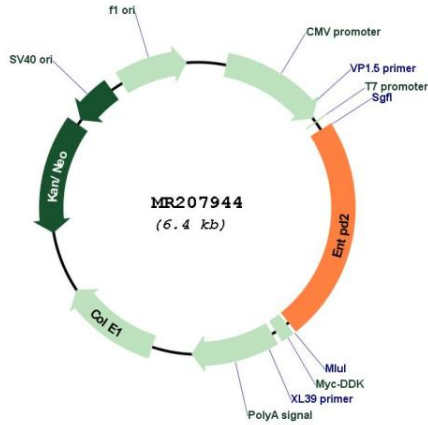
Restriction Sites:

Sgfl-MluI

MW: 54.3 kDa

Gene Summary: In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Hydrolyzes ADP only to a marginal extent (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207944