

Product datasheet for **MC217691**

Entpd6 (BC038126) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd6 (BC038126) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Entpd6
Synonyms:	2700026H11Rik; Cd39l2; NTPDase-6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC038126 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAAAAATACCAAACCATGGGACCCTGCGGATGACGAAGGTGGCATATCCCCTGGGACTGTGCGTGG
GCCTGTTTCATCTATGTTGCCTATATCAAGTGGCACCAGGCTCTGCTGCCAGGCCTTCTCACCATTGC
TGGGGCTGCCTCGGGGACGGTGGACCCAGCAGGCCTTCAGCTCCCAGGCTCAGTGCACGTGGTCAT
GAGGCTTCTATGGGATCATGTTTGACGCTGGGAGCACCGGCACCCGCATCCACGCTTCCAGTTGCC
GGCCACCTGGAGAACTCCACCTTGACCCATGAAACCTCAAAGCACTGAAGCCTGGGCTTCTGCCTTA
CGCTGATGATGTTGAAAAGAGTGCTCAGGGGATCCAGGAGCTTCTGAATGTTGCTAAGCAACACATTCT
TATGATTTCTGGAAGGCTACCCCTCTGTTCTCAAGGCCACAGCTGGTTTGCCTGCTGCCGGGAGAAA
AGGCTCAGAAGTTGCTGCAAAAGGTGAAGGAGGTGTTCAAGGCATCACCTTCTTGTGGGGATGACTG
TGTTTCCATCATGAACGGCACAGACGAAGGTGTTTCGGCCTGGATCACTGTCAACTTCTGACAGGCAGT
CTGAAGACCCAGGAAGCAGCAGTGTGGCATGCTGGATTTGGGCGGAGGATCCACTCAGATCACCTTCC
TCCCACGTGTCGAGGGTACCCTGCAGGCCTCCCCGCCCGCCACCTGACGGCGCTGCAGATGTTTAAACAG
GACTTACAAGCTGTACTCTACAGGTGGTCTGCTCACGCTGGCACCACCCACGGATGCCTCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	BC038126
Insert Size:	837 bp



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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:	BC038126 , AAH38126
RefSeq Size:	1200 bp
RefSeq ORF:	836 bp
Locus ID:	12497
Cytogenetics:	2 G3
Gene Summary:	Catalyzes the hydrolysis of nucleoside triphosphates and diphosphates in a calcium- or magnesium-dependent manner. Has a strong preference for nucleoside diphosphates, preferentially hydrolyzes GDP, IDP, and UDP, with slower hydrolysis of CDP, ITP, GTP, CTP, ADP, and UTP and virtually no hydrolysis of ATP. The membrane bound form might support glycosylation reactions in the Golgi apparatus and, when released from cells, might catalyze the hydrolysis of extracellular nucleotides.[UniProtKB/Swiss-Prot Function]