

Product datasheet for **MC201236**

Pdhh (NM_024221) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pdhh (NM_024221) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pdhh
Synonyms: 2610103L06Rik; AL024199; C81408
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019512 sequence for NM_024221
 GTCATTTCGGCAGCTAGTAGAGGACACGGGCAAGATGGCGGTGGTGGCTGGTCTGGTGCAGGGACCCCTTGC
 GGCAGGCTTCCGGGCTGCTGAAGAGGCGTTTTCCCGCTCGGCGCCCGCAGCGGTGCAGTTGACAGTTCCG
 TGAAGCTATTAATCAAGGTATGGATGAAGAAGTGAAGAAAGATGAAAAAGTTTTCTGCTGGGGGAAAGAA
 GTTGCCAGTATGACGGTGCATACAAGTTAGCAGAGGCTGTGGAAGAAATACGGTGACAAGAGGATCA
 TCGACACCCCATCTCAGAGATGGGCTTTGCTGGAATTGCTGTTGGTGCAGCTATGGCTGGGTTGCGGCC
 TATCTGTGAATTTATGACCTTCAATTTCTCTATGCAAGCTATTGACCAGTTATAAACTCAGCTGCCAAG
 ACTTACTATATGTCGGCTGGCCTTCAGCCTGTGCCATAGTATTCAGGGGGCCCAATGGTGCCTCAGCAG
 GTGTAGCTGCTCAGCACTCGCAATGCTTTGCTGCATGGTATGGGCACTGCCAGGTTTAAAAGTGGTCAG
 CCCCTGGAATTCGAGGATGCAAAAGGACTTATAAATCGGCCATTCGTGATAATAACCCAGTGGTAATG
 CTAGAAAATGAACTGATGTATGGAGTTGCAATTTGAACTTCTGCAAGCTCAGTCAAAAGATTTCTGA
 TTCTATTGAAAAGCCAAAATTGAAAGCAAGGACCCACATCACTGTAGTTGCCCATCAAGACCAAGT
 GGGCCACTGCCTAGAAGCTGCAGCTGTATTGTCTAAGGAGGGAATTGAATGTGAGGTAATAAATCTGCGC
 ACCATCAGACCAATGGACATCGAAGCCATAGAAGCCAGTGTGATGAAGACAAACCATCTCGTGACTGTGG
 AAGGAGGCTGGCCACAATTTGGAGTAGGAGCTGAGATTTGTGCCAGAATTATGGAAGGCCCTGCATTCAA
 CTTCTTGATGCCCTGCCGTGCGTGTCACTGGTGTGATGTCCCTATGCCTTACGCAAAGGTCCTAGAA
 GACAACTCCGTACCTCAGGTCAAAGACATCATATTTGCAGTAAAGAAGACTCTGAACATCTGATTCGGAC
 TTTGAATGTAAGTCAATGAAATCTATTTAAAATCCTTGTGGGACTTCCCTGATGTGTACTGCGAGAC
 TGCTAGTCATAAAGTAAATGCTGAAGTGCAGCAGGTGTCTGAACTGTAAGAAGTTTCAATGTGCTTATG
 AGTGGAATGTTGTCCACTCCCTACCTAGATACTCTGTTTTGTCTGTTACTGTTTAAAGTTAAATTTGCC
 TCTTTCACTGGAAGGGCAAGATAAGAATGCCCCACAGAAGATAACTTATATGTCTAAAAAGTATATTA
 TCTACATTTGCTGTTTAAATGTTTTGATAAGGAATAAAGGGGATCCACCAAAAAAAAAAAAAAAAAAG

Restriction Sites: RsrII-NotI
ACCN: NM_024221
Insert Size: 1080 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:	<u>BC019512</u> , <u>AAH19512</u>
RefSeq Size:	1467 bp
RefSeq ORF:	1080 bp
Locus ID:	68263
UniProt ID:	<u>Q9D051</u>
Cytogenetics:	14 A1
Gene Summary:	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ , and thereby links the glycolytic pathway to the tricarboxylic cycle. [UniProtKB/Swiss-Prot Function]