

Product datasheet for **MC207346**

Pdha1 (NM_008810) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdha1 (NM_008810) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdha1
Synonyms:	Pdha-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_008810, the custom clone sequence may differ by one or more nucleotides

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ATGAGGAAGATGCTTGCCGCTGTATCCCGCTGTTGGCAGGCTCTGCGCAGAAGCCGGCAAGCCGAGTGC
TGGTTGCTTCCCGTAATTTGCAAATGATGCTACATTTGAGATTAAGAAATGTGACCTTCATCGGCTAGA
AGAGGGCCCCCAGTCACCACAGTGCTCACCAGAGAGGATGGGCTCAAGTACTACAGGATGATGCAGACT
GTGCGCCGGATGGAGCTAAAGGCGGATCAGCTGTATAAGCAGAAAATCATTCTGGTGTCTGTCACTTGT
GTGATGGTCAGGAAGCCTGCTGCGTGGGCTGGAGGCTGGCATAAACCCACGGACCACCTCATCACTGC
CTATCGAGCACATGGCTTCACTTCACTCGGGCCTGCCTGTGCGAGCAATCTTGCAGAGCTAACAGGA
CGAAGAGGAGGTTGTGCTAAAGGAAAGCGGGTCAATGCACATGTACGCCAAGAAGTCTATGGAGGCA
ACGGCATCGTTGGAGCTCAGGTGCCCTGGGAGCAGGAATTGCCCTGGCCTGCAAGTACAATGGAAAAGA
TGAGGTCTGTTTGACATTATACGGCGATGGTGCTGCTAATCAGGGTCAGATCTTTGAAGCTTACAATATG
GCAGCACTGTGGAAATTACCTTGCAATTTTATCTGTGAGAACAACCGCTATGGCATGGGGACGTCTGTTG
AGAGAGCAGCAGCCAGCACGGACTACTACAAAAGAGGAGATTTTATTCTGGACTCAGGGTAGATGGAAT
GGATATCTTGTGCGTCCGAGAGGCAACAAAGTTTGGCGCTGCCTATTGCAGGTCTGGTAAGGGGCCCATC
CTGATGGAGCTCCAGACTTACCCTACCATGGACACAGCATGAGTGACCTGGAGTAAGTACCGCCTC
GAGAAGAAATCCAGGAAGTAAGAAGTAAGAGTGACCCTATTATGCTTCTCAAGGATAGAATGGTGAACAG
CAATCTTGCAAGTGTGGAAGATTAAGAGGAGATTGATGTGGAAGTGAGGAAAGAAATCGAGGATGCTGCC
CAGTTTGCCACGGCTGATCCTGAGCCCCGTTGGAGGAACTAGGCTATCACATCTACAGCAGTGATCCTC
CCTTTGAAGTGCGTGGTGCCAACCAAGTGGATCAAGTTAAGTCAGTCAGTT:AA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_008810
Insert Size:	1173 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:	BC007142 , AAH07142
RefSeq Size:	2778 bp
RefSeq ORF:	1173 bp
Locus ID:	18597
UniProt ID:	P35486
Cytogenetics:	X 73.95 cM
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]