

Product datasheet for MC209159

Pdha2 (NM_008811) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pdha2 (NM_008811) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Pdha2
 Synonyms: Pdhal
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC209159 representing NM_008811
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAGGAAATGCTGACCGCTGTGCTGTCTCACGTATTTTCGGGAATGGTCCAAAAGCCAGCTCTCAGAG
 GACTGCTGTCTCATCTCTGAAGTTCTCAACGACGCCACCTGTGACATTAAGAAATGTGACCTGTACCGGT
 GGAGGAGGCCACCGACCTCCACCGTGTCCACCGAGCCGAGGCCCTCAAGTACTACCGACCATGCAG
 GTAATTCGGCGCATGGAGTTGAAGGCCGACCGAGCTGTATAAGCAGAAATTCATCCGGTGGTTTCTGTACC
 TGTGTGATGGGCAGGAAGCCTGCTGCGTGGGGCTGGAGGCAGGGATAAATCCCACGGATCACGTCATCAC
 GTCCTACCGGGCTCATGGCTTCTGCTACACGCGAGGACTGTCCGTGAAGTCCATTCTCGCCGAGCTGACT
 GGACGCAAAGGAGGCTGTGCTAAAGGCAAGGGAGGCTCCATGCACATGTACGGCAAGAATTCTACGGTG
 GCAATGGCATTGTTGGGGCCAGGTACCCTGGGAGCTGGTGTGGCTTTTGCCTGTAATACTGAAGAA
 TGGTCAGGTCTGCTTGGCTTTGTACGGCGATGGTGGGCTAACCAAGGGCAGGTATTCGAAGCATACAAT
 ATGTCAGCCTTGTTGAAATACCTGTGTTTTTCATCTGTGAGAATAACCTCTATGGAATGGGAACCTCCA
 ACGAGAGATCAGCAGCCAGTACTGATTACCACAAGAAAGTTTTATTATCCCGGACTGAGGGTGAATGG
 GATGGATATTCTGTGTTTCGGGAGGCAACCAAGTTTGCAGCTGATCACTGCAGATCTGGAAAGGGGCC
 ATTGTGATGGAGCTGCAGACCTACCGTTATCATGGACACAGTATGAGCGACCCAGGGATCAGTTATCGTT
 CACGAGAAGAAGTTCATAACGTGAGAAGTAAGAGTGATCCTATAATGCTGCTCCGAGAGAGAATTATCAG
 CAACAACCTCAGCAATATTGAAGAATTGAAAGAAATTGATGCAGATGTGAAGAAAGAGGTGGAGGACGCA
 GCTCAGTTTGTACGACTGATCCAGAACCAGCTGTGGAAGATATAGCCAATTACCTCTACCACCAAGATC
 CACTTTTGAAGTCCGTGGTGCACATAAGTGGCTCAAGTATAAGTCCCACAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_008811
Insert Size:	1176 bp
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>NM_008811.2</u> , <u>NP_032837.1</u>
RefSeq Size:	2352 bp
RefSeq ORF:	1176 bp
Locus ID:	18598
UniProt ID:	<u>P35487</u>
Cytogenetics:	3 H1
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]