

Product datasheet for **TP515676**

Pdha2 (NM_008811) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse pyruvate dehydrogenase E1 alpha 2 (Pdha2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA >MR215676 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MRKMLTAVLSHVFSGMVQKPALRGLLSSLKFSNDATCDIKKCDLYRLEEGPPTSTVLTRAEALKYYRTMQ
VIRRMELKADQLYKQKFIRGFCHLCDGQEACCVGLEAGINPTDHVITSYRAHGFCYTRGLSVKSILAELT
GRKGGCAKGGKSMHMYGKNFYGGNGIVGAQVPLGAGVAFACKYLKNGQVCLALYGDGAANQGQVFEAYN
MSALWKLPCVFICENLYGMGTSNERSAASTDYHKKGFIPLRVNGMDILCVREATKFAADHCRSGKGP
IVMELQTYRYHGHSMSPGISYRSREEVHNVRKSDPIMLLRERIISNNLSNIEELKEIDADVKKEVEDA
AQFATTDPEPAVEDIANLYHQDPPFEVARGAHKWLKYKSHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 43.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_032837](#)

Locus ID: 18598

UniProt ID: [P35487](#)



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RefSeq Size: 2352

Cytogenetics: 3 H1

RefSeq ORF: 1176

Synonyms: Pdhal

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]