

Product datasheet for **TP508036**

Pdhx (NM_175094) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse pyruvate dehydrogenase complex, component X (Pdhx), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR208036 representing NM_175094
Red=Cloning site **Green**=Tags(s)

MAASWRLHCNQPLLRYLLGFSSRRSLGLAQGAAAWPVDRGASWRWFHSTQLLQADPIKVLMP SLSPTMEQ
GNIVKWL RKEGEAVSAGDSLCEIETDKAVTLDANDDGILAKIVVEEGAKNIQLGSLIALMVEEGEDWKQ
VEIPKDVSA P P VSKPPAPTQSPQPQIPCPARKEHKGTARFRLSPAARNILEKHS LDASQGTATGPRGI
FTKEDALKLVELKQMGKITESRPASAP P P SLSASVPPQATAGPSYPRPMT P P V S I P G Q P N A A G T F T E I P A
SNIRRVIAKRLTESKSTVPHAYATADCDLGAVLKVRRDLVKDDIKVSVNDFIIRAAA VTLKQMPGVNVTW
DGEGPKQLPSVDISVAVATDKGLITPIIKDAAAKGIQEIADSVKVL SKKARDGKLMPEEYQGG SFSISNL
GMFGIDEFAAVINPPQACILAVGRFRPV LKLT EDEEGNPQLQQHQLITVTMSSDSRVVDDELATRFLETF
KANLENPMRLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 54.4 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_780303](#)



[View online »](#)

Locus ID: 27402

UniProt ID: [Q8BKZ9](#)

RefSeq Size: 2527

Cytogenetics: 2 E2

RefSeq ORF: 1503

Synonyms: AI481367; E3bp; Pdx1

Summary: Required for anchoring dihydrolipoamide dehydrogenase (E3) to the dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex (By similarity).[UniProtKB/Swiss-Prot Function]