

Recombinant Human PDHB protein(31-359aa), His-tagged

Cat. No. PDHB-2948H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDHB protein(P11177)(31-359aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	31-359aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	41.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

LQVTVRDAINQGMDEELERDEKVFLLGEEVAQYDGAYKVSRLWKKYGDKRIIDTPI
 SEMGFAGIAVGAAMAGLRPICEFMTFNFSMQAIDQVINSAAKTYMSGGLQPVPVIF
 RGPNGASAGVAAQHSQCFAAWYGHCPGLKVVSPWNSEDAKGLIKSAIRDNNPVVV
 LENELMYGVPFEFPPEAQSKDFLIPIGKAKIERQGTHITVVSHSRPVGHCLEAAAVLS
 KEGVECEVINMRTIRPMDMETIEASVMKTNHLVTVEGGWPQFGVGAEICARIMEGP
 AFNFLDAPAVRVTGADVPMPLYAKILEDNSIPQVKDIIFAIKKTLNI

GENE INFORMATION

Gene Name PDHB pyruvate dehydrogenase (lipoamide) beta [Homo sapiens]

Official Symbol PDHB

Synonyms PDHB; pyruvate dehydrogenase (lipoamide) beta; pyruvate dehydrogenase E1 component subunit beta, mitochondrial; pyruvate dehydrogenase, E1 beta polypeptide; PDHBD; PHE1B; PDHE1-B; DKFZp564K0164;

Gene ID 5162

mRNA Refseq NM_000925

Protein Refseq NP_000916

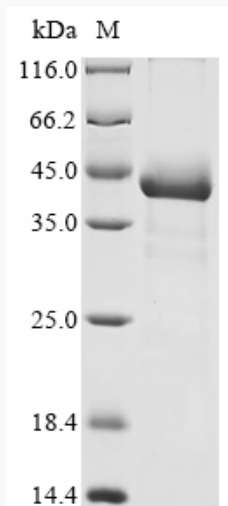
MIM 179060

UniProt ID P11177

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SDS-PAGE

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