

RPPB2080

Product Information Protein Information

Product SKU:

RPPB2080

Accession:

O00330

Host:

Escherichia Coli.

Protein description:

PDHX Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 471 amino acids (54-501 a.a) and having a molecular mass of 50.4kDa. PDHX is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

DLDBP, E3BP, OPDX, PDX1, proX, Pyruvate Dehydrogenase Complex, Component X, Dihydrolipoamide Dehydrogenase-Binding Protein Of Pyruvate Dehydrogenase Complex, Lipoyl-Containing Pyruvate Dehydrogenase Complex Component X, Pyruvate Dehydrogenase Complex, Lipoyl-Containing Component X, Pyruvate Dehydrogenase Complex, E3-Binding Protein Subunit, Pyruvate Dehydrogenase Protein X Component, Mitochondrial, E3-Binding Protein.

Formulation:

PDHX protein solution (0.25mg/ml) containing Phosphate buffer saline (pH 7.4) and 20% glycerol, 1mM DTT.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MSGDPIKIL MPSSLPTMEE GNIVKWLKKE GEAVSAGDAL CEIETDKAVV
TLDASDDGIL AKIVVEEGSK NIRLGLIGL IVEEGEDWKH VEIPKDVGPP PPVSKPSEPR PSPEPQISIP
VKKEHIPGTL RFRLSPAARN ILEKHSLDAS QGTATGPRGI FTKEDALKLV QLKQTKGKITE SRPTPAPTAT
PTAPSPLQAT AGPSYPRPVI PPVSTPGQPN AVGTFTIIPA SNIRRVIAKR LTESKSTVPH AYATADC DLG
AVLKVRQDLV KDDIKVSVND FIIKAAAVTL KQMPDVNVSW DGE GPKQLPF IDISVAVATD KGLLTPIIKD
AAAKGIQEIA DSVKALS KKA RDGKLLPEEY QGGSFISINL GMFGIDEFTA VINPPQACIL AVGRFRPVLK
LTEDEEGNAK LQQRQLITVT MSSDSRVVDD ELATRFLKSF KANLENPIRL A.