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32-6872: PDHX Human

Alternative Name :	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.

Description

Source: Escherichia Coli.
Sterile Filtered clear solution.
Pyruvate Dehydrogenase Complex, Component X, also known as PDHX, encodes the E3 binding protein subunit of the PDH complex which contains 3 catalytic subunits. PDHX tethers E3 dimers to the E2 core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is critical for a functional PDH complex.
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.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	PDHX protein solution (0.25mg/ml) containing Phosphate buffer saline (pH 7.4) and 20% glycerol, 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSGDPIKIL MPSLSPTMEE GNIVKWLKKE GEAVSAGDAL CEIETDKAVV TLDASDDGIL AKIVVEEGSK NIRLGSLIGL IVEEGEDWKH VEIPKDVGPP PPVSKPSEPR PSPEPQISIP VKKEHIPGTL RFRLSPAARN ILEKHSLDAS QGTATGPRGI FTKEDALKLV QLKQTGKITE SRPTPAPTAT PTAPSPLQAT AGPSYPRPVI PPVSTPGQPN AVGTFTEIPA SNIRRVIAKR LTESKSTVPH AYATADCDLG AVLKVRQDLV KDDIKVSVND FIIKAAAVTL KQMPDVNVSW DGEGPKQLPF IDISVAVATD KGLLTPIIKD AAAKGIQEIA DSVKALSKKA RDGKLLPEEY QGGSFSISNL GMFGIDEFTA VINPPQACIL AVGRFRPVLK LTEDEEGNAK LQQRQLITVT MSSDSRVVDD ELATRFLKSF KANLENPIRL A.

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