

Recombinant Human PDHX Protein (Val220-Thr468), His tagged

Cat. No. PDHX-2750H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PDHX (Val220-Thr468) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val220-Thr468
Description	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.
Molecular Mass	26.31 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.

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Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	PDHX pyruvate dehydrogenase complex, component X [Homo sapiens (human)]
Official Symbol	PDHX
Synonyms	PDHX; pyruvate dehydrogenase complex, component X; pyruvate dehydrogenase protein X component, mitochondrial; DLDBP; E3BP; OPDX; PDX1; proX; pyruvate dehydrogenase complex, E3-binding protein subunit; lipoyl-containing pyruvate dehydrogenase complex component X; pyruvate dehydrogenase complex, lipoyl-containing component X; dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex;
Gene ID	8050
mRNA Refseq	NM_001135024
Protein Refseq	NP_001128496
MIM	608769
UniProt ID	O00330