

Active Native Porcine Pyruvate Dehydrogenase

Cat. No. PDH-01P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Native Porcine PDH Protein purified from porcine heart.
Species	Porcine
Source	Heart
Description	As part of the pyruvate dehydrogenase complex, catalyzes the transfers of an acetyl group to a lipoic acid moiety (Probable). The pyruvate dehydrogenase complex, catalyzes the overall conversion of pyruvate to acetyl-CoA and CO(2), and thereby links cytoplasmic glycolysis and the mitochondrial tricarboxylic acid (TCA) cycle (Probable).
Form	Light grey liquid
Bio-activity	0.68 U/mg protein
Purity	≥82% by SDS-PAGE
Storage	Store at 2-8 centigrade for at least 1 year
Concentration	16.5 mg/mL
EC No.	1.2.4.1
CAS No.	57-50-1

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Unit Definition

One unit will convert 1.0 μ mole of β -NAD to β -NADH per min at pH 7.4 at 30 centigrade in the presence of saturating levels of Coenzyme A.

GENE INFORMATION**Official Symbol**

PDH

Synonyms

PDH; Pyruvate Dehydrogenase

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