

PDHB 抗原（重组蛋白）

中文名称： PDHB 抗原（重组蛋白）

英文名称： PDHB Antigen (Recombinant Protein)

别名： pyruvate dehydrogenase E1 beta subunit; PDHBD; PHE1B; PDHE1B; PDHE1-B

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 31-359 amino acids of human PDHB

技术规格

Full name:	pyruvate dehydrogenase E1 beta subunit
Synonyms:	PDHBD; PHE1B; PDHE1B; PDHE1-B
Swissprot:	P11177
Gene Accession:	BC000439
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The pyruvate dehydrogenase (PDH) complex is a nuclear-encoded mitochondrial multienzyme complex that catalyzes the overall conversion of pyruvate to acetyl-CoA and carbon dioxide, and provides the primary link between glycolysis and the tricarboxylic acid (TCA) cycle. The PDH complex is composed of multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3). The E1 enzyme

me is a heterotetramer of two alpha and two beta subunits. This gene encodes the E1 beta subunit. Mutations in this gene are associated with pyruvate dehydrogenase E1-beta deficiency. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2012]