

Recombinant Human PDHB, GST-tagged

Cat. No. PDHB-1614H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDHB protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-359aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PDHB pyruvate dehydrogenase (lipoamide) beta [Homo sapiens]
Official Symbol	PDHB
Synonyms	PDHB; pyruvate dehydrogenase (lipoamide) beta; pyruvate dehydrogenase E1 component subunit beta, mitochondrial; pyruvate dehydrogenase, E1 beta polypeptide; PDHBD; PHE1B; PDHE1-B; DKFZp564K0164;

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Gene ID	5162
mRNA Refseq	NM_000925
Protein Refseq	NP_000916
MIM	179060
UniProt ID	P11177
Chromosome Location	3p21.1-p14.2
Pathway	Butanoate metabolism, organism-specific biosystem; Butanoate metabolism, conserved biosystem; Citrate cycle (TCA cycle), organism-specific biosystem; Citrate cycle (TCA cycle), conserved biosystem; Glycolysis / Gluconeogenesis, organism-specific biosystem; Glycolysis / Gluconeogenesis, conserved biosystem; Glycolysis and Gluconeogenesis, organism-specific biosystem;
Function	oxidoreductase activity; pyruvate dehydrogenase (acetyl-transferring) activity;