

## Recombinant Human PDHB, GST-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	PDHB pyruvate dehydrogenase (lipoamide) beta [ Homo sapiens ]
<b>Official Symbol</b>	PDHB
<b>Synonyms</b>	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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<b>Gene ID</b>	5162
<b>mRNA Refseq</b>	NM_000925
<b>Protein Refseq</b>	NP_000916
<b>MIM</b>	179060
<b>UniProt ID</b>	P11177
<b>Chromosome Location</b>	3p21.1-p14.2
<b>Pathway</b>	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;
<b>Function</b>	oxidoreductase activity; pyruvate dehydrogenase (acetyl-transferring) activity;

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