Recombinant Human PCCB cell lysate

Cat. No. PCCB-1291HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	The protein encoded by this gene is a subunit of the propionyl-CoA carboxylase (PCC) enzyme, which is involved in the catabolism of propionyl-CoA. PCC is a mitochondrial enzyme that probably acts as a dodecamer of six alpha subunits and six beta subunits. This gene encodes the beta subunit of PCC. Defects in this gene are a cause of propionic acidemia type II (PA-2).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PCCB propionyl CoA carboxylase, beta polypeptide [Homo sapiens]
Official Symbol	PCCB
Synonyms	PCCB; propionyl CoA carboxylase, beta polypeptide; propionyl Coenzyme A carboxylase, beta polypeptide; propionyl-CoA carboxylase beta chain, mitochondrial; PCCase subunit beta; propanoyl-CoA:carbon dioxide ligase subunit beta;

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	DKFZp451E113;
Gene ID	5096
mRNA Refseq	NM_000532
Protein Refseq	NP_000523
MIM	232050
UniProt ID	P05166
Chromosome Location	3q21-q22
Pathway	Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Glyoxylate and dicarboxylate metabolism, organism-specific biosystem; Glyoxylate and dicarboxylate metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Mitochondrial Fatty Acid Beta-Oxidation, organism-specific biosystem;
Function	ATP binding; ligase activity; nucleotide binding; propionyl-CoA carboxylase activity;

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