

Recombinant Human PCCB, GST-tagged

Cat. No. PCCB-1550H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCCB protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300aa
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	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; DKFZp451E113;

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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;