Recombinant Human PC, GST-tagged

Cat. No. PC-1545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PC protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	828-1178aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	PC pyruvate carboxylase [Homo sapiens]
Official Symbol	PC
Synonyms	PC; pyruvate carboxylase; pyruvate carboxylase, mitochondrial; PCB; pyruvic carboxylase;
Gene ID	5091

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mRNA Refseq	NM_000920
Protein Refseq	NP_000911
MIM	608786
UniProt ID	P11498
Chromosome Location	11q13.4-q13.5
Pathway	Alanine and aspartate metabolism, organism-specific biosystem; Citrate cycle (TCA cycle), organism-specific biosystem; Citrate cycle (TCA cycle), conserved biosystem; Fatty Acid Biosynthesis, organism-specific biosystem; Gluconeogenesis, organism-specific biosystem; Glucose metabolism, organism-specific biosystem; Glycolysis and Gluconeogenesis, organism-specific biosystem;
Function	ATP binding; biotin binding; biotin carboxylase activity; carboxylic acid binding; ligase activity; metal ion binding; nucleotide binding; pyruvate carboxylase activity;

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