

## Recombinant Human PC, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PC 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>	828-1178aa
<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>	PC pyruvate carboxylase [ Homo sapiens ]
<b>Official Symbol</b>	PC
<b>Synonyms</b>	PC; pyruvate carboxylase; pyruvate carboxylase, mitochondrial; PCB; pyruvic carboxylase;
<b>Gene ID</b>	5091

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<b>mRNA Refseq</b>	NM_000920
<b>Protein Refseq</b>	NP_000911
<b>MIM</b>	608786
<b>UniProt ID</b>	P11498
<b>Chromosome Location</b>	11q13.4-q13.5
<b>Pathway</b>	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;
<b>Function</b>	ATP binding; biotin binding; biotin carboxylase activity; carboxylic acid binding; ligase activity; metal ion binding; nucleotide binding; pyruvate carboxylase activity;

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