

Recombinant Human PC Protein (Pro36-Glu486), His tagged

Cat. No. PC-4804H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PC (Pro36-Glu486) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro36-Glu486
Description	Pyruvate carboxylase catalyzes a 2-step reaction, involving the ATP-dependent carboxylation of the covalently attached biotin in the first step and the transfer of the carboxyl group to pyruvate in the second. Catalyzes in a tissue specific manner, the initial reactions of glucose (liver, kidney) and lipid (adipose tissue, liver, brain) synthesis from pyruvate.
Form	Lyophilized powder/frozen liquid
Molecular Mass	47.86 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	PC pyruvate carboxylase [Homo sapiens (human)]
Official Symbol	PC
Synonyms	PC; pyruvate carboxylase; pyruvate carboxylase, mitochondrial; PCB; pyruvic carboxylase;
Gene ID	5091
mRNA Refseq	NM_000920
Protein Refseq	NP_000911
MIM	608786
UniProt ID	P11498

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