

Recombinant Mouse Pcx Protein, Myc/DDK-tagged

Cat. No. Pcx-4723M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length pyruvate carboxylase (Pcx), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	129.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Pcx pyruvate carboxylase [Mus musculus (house mouse)]
Official Symbol	Pcx
Synonyms	Pcx; pyruvate carboxylase; P; Pc; Pcb; pyruvate carboxylase, mitochondrial; pyruvate decarboxylase; pyruvic carboxylase; EC 6.4.1.1
Gene ID	18563
mRNA Refseq	NM_001162946
Protein Refseq	NP_001156418
UniProt ID	E9QPD7

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