

Recombinant Human PDK2, His-tagged

Cat. No. PDK2-1620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDK2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	135-407aa
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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PDK2 pyruvate dehydrogenase kinase, isozyme 2 [Homo sapiens]
Official Symbol	PDK2
Synonyms	PDK2; pyruvate dehydrogenase kinase, isozyme 2; pyruvate dehydrogenase kinase, isoenzyme 2; PDHK2; pyruvate dehydrogenase, lipoamide, kinase isozyme 2, mitochondrial;

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Gene ID	5164
mRNA Refseq	NM_001199898
Protein Refseq	NP_001186827
MIM	602525
UniProt ID	Q15119
Chromosome Location	17q21.33
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Pyruvate metabolism, organism-specific biosystem; Pyruvate metabolism and Citric Acid (TCA) cycle, organism-specific biosystem; Regulation of pyruvate dehydrogenase (PDH) complex, organism-specific biosystem; TCA Cycle, organism-specific biosystem; The citric acid (TCA) cycle and respiratory electron transport, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein kinase activity; pyruvate dehydrogenase (acetyl-transferring) kinase activity; transferase activity; two-component sensor activity;

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