

Recombinant Human PDK2, His-tagged

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

SPECIFICATION

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| 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

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| 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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