

Recombinant Human PDK3 protein, GST-tagged

Cat. No. PDK3-1072 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDK3 fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Protein Length	Full Length
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~69 kDa
Purity	>90 %
Applications	Kinase Assay, Western Blot
Stability	1 yr at -70 centigrade from date of shipment
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping

Product shipped on dry ice

GENE INFORMATION
Gene Name

PDK3 pyruvate dehydrogenase kinase, isozyme 3 [Homo sapiens]

Official Symbol

PDK3

Synonyms

PDK3; pyruvate dehydrogenase kinase, isozyme 3; pyruvate dehydrogenase kinase, isoenzyme 3; pyruvate dehydrogenase, lipoamide, kinase isozyme 3, mitochondrial;

Gene ID

5165

mRNA Refseq

NM_005391

Protein Refseq

NP_005382

MIM

602526

UniProt ID

Q15120

**Chromosome
Location**

Xp22.12

Pathway

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 binding; protein kinase activity; pyruvate

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dehydrogenase (acetyl-transferring) kinase activity; transferase activity; two-component sensor activity;

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