Recombinant Human PDK4 Protein, MYC/DDK-tagged

Cat. No. PDK4-823H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PDK4 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene is a member of the PDK/BCKDK protein kinase family and encodes a mitochondrial protein with a histidine kinase domain. This protein is located in the matrix of the mitrochondria and inhibits the pyruvate dehydrogenase complex by phosphorylating one of its subunits, thereby contributing to the regulation of glucose metabolism. Expression of this gene is regulated by glucocorticoids, retinoic acid and insulin. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	46.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	pyruvate dehydrogenase kinase 4[Homo sapiens]

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Official Symbol	PDK4
Synonyms	FLJ40832
Gene ID	5166
mRNA Refseq	NM_002612.3
Protein Refseq	NP_002603
UniProt ID	Q16654

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