

Recombinant Human PDHK2 (N-GST tag)

Cat No:HR2R1840

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PDHK2
Gene ID	N/A
Accession	NM_002611
Alternative Name	PDK2
Species	Human
Source	Insect cells
Description	?PDHK2 or Pyruvate Dehydrogenase Kinase 2 is a member of the PDHK family that phosphorylate and inactivate the Pyruvate Dehydrogenase (PDH). PDH is a mitochondrial multienzyme complex that catalyzes the oxidative decarboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis of carbohydrate fuels in mammals. PDHK2 is a primary PPARbeta/delta target gene in humans which underlines the importance of PPAR in the control of metabolism. There are two candidate PPAR response elements in the PDHK2 gene.
Functions	The specific activity of PDHK2 was determined to be7.5 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	70
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. 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.