



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 be 7.5 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.