

Recombinant Human PHKG1 (N-GST tag)

Cat No:HR2R1848

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PHKG1
Gene ID	N/A
Accession	NM_006213
Alternative Name	PHKG
Species	Human
Source	Insect cells
Description	PHKG1 or phosphorylase kinase gamma 1 is a member of the Ser/Thr protein kinase family that encodes a protein with one protein kinase domain and two calmodulin-binding domains. Phosphorylase kinase is a crucial glycogenolytic regulatory enzyme . PHKG1 is the catalytic member of a 16-subunit protein kinase complex that contains equimolar ratios of 4 subunit types known as alpha, beta, gamma and delta . Skeletal muscle contains the highest amount of phosphorylase kinase enzymatic activity, although activity is also observed in liver, cardiac muscle, brain, and several other tissues.
Functions	The specific activity of PHKG1 was determined to be 29 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.