

Recombinant Human PHKG1 protein, GST-tagged

Cat. No. PHKG1-1074 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHKG1 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	~70 kDa
Purity	>75 %
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

PHKG1 phosphorylase kinase, gamma 1 (muscle) [Homo sapiens]

Official Symbol

PHKG1

Synonyms

PHKG1; phosphorylase kinase, gamma 1 (muscle); PHKG; phosphorylase b kinase gamma catalytic chain, skeletal muscle isoform; phosphorylase kinase gamma; phosphorylase kinase subunit gamma-1;

Gene ID

5260

mRNA Refseq

NM_006213

Protein Refseq

NP_006204

MIM

172470

UniProt ID

Q16816

**Chromosome
Location**

7p11.2

Pathway

Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Glucose metabolism, organism-specific biosystem; Glycogen Metabolism, organism-specific biosystem; Glycogen breakdown (glycogenolysis), organism-specific biosystem; Insulin signaling pathway, organism-specific biosystem; Insulin signaling pathway, conserved biosystem;

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Function

ATP binding; calmodulin binding; enzyme binding; nucleotide binding; phosphorylase kinase activity; protein serine/threonine kinase activity;

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