Recombinant Human PHKG2, His-tagged

Cat. No. PHKG2-1686H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHKG2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-298aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PHKG2 phosphorylase kinase, gamma 2 (testis) [Homo sapiens]
Official Symbol	PHKG2
Synonyms	PHKG2; phosphorylase kinase, gamma 2 (testis); phosphorylase b kinase gamma catalytic chain, testis/liver isoform; PSK-C3; PHK-gamma-T; phosphorylase kinase subunit gamma-2; serine/threonine-protein kinase PHKG2; Phosphorylase kinase, gamma 2 (testis/liver); GSD9C;

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Gene ID	5261
mRNA Refseq	NM_000294
Protein Refseq	NP_000285
MIM	172471
UniProt ID	P15735
Chromosome Location	16p11.2
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;
Function	ATP binding; calmodulin binding; enzyme binding; nucleotide binding; phosphorylase kinase activity; protein serine/threonine kinase activity; protein serine/threonine kinase activity; tau-protein kinase activity;

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