

Recombinant Human PHKG1, GST-tagged

Cat. No. PHKG1-1685H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHKG1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-387aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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