

Recombinant Human PHKA2, His-tagged

Cat. No. PHKA2-1684H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHKA2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	886-1235aa
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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PHKA2 phosphorylase kinase, alpha 2 (liver) [Homo sapiens]
Official Symbol	PHKA2
Synonyms	PHKA2; phosphorylase kinase, alpha 2 (liver); PHK, PYK; phosphorylase b kinase regulatory subunit alpha, liver isoform; phosphorylase kinase alpha-subunit; phosphorylase kinase alpha L subunit; phosphorylase b kinase regulatory subunit alpha liver isoform; PHK; PYK; XLG; PYKL; XLG2; GSD9A; MGC133071;

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Gene ID	5256
mRNA Refseq	NM_000292
Protein Refseq	NP_000283
MIM	300798
UniProt ID	P46019
Chromosome Location	Xp22.2-p22.1
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	calmodulin binding; catalytic activity; hydrolase activity, hydrolyzing O-glycosyl compounds; phosphorylase kinase activity;