Recombinant Human ADPGK protein, MYC/DDK-tagged

Cat. No. ADPGK-985H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADPGK, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	ADPGK (EC 2.7.1.147) catalyzes the ADP-dependent phosphorylation of glucose to glucose-6-phosphate and may play a role in glycolysis, possibly during ischemic conditions (Ronimus and Morgan, 2004 [PubMed 14975750]).
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	53.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ADPGK ADP-dependent glucokinase [Homo sapiens]
Official Symbol	ADPGK

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Synonyms	ADPGK; ADP-dependent glucokinase; ADP GK; DKFZp434B195; rbBP-35; ATP-dependent glucokinase; ADP-GK; 2610017G09Rik;
Gene ID	83440
mRNA Refseq	NM_031284
Protein Refseq	NP_112574
MIM	611861
UniProt ID	Q9BRR6
Chromosome Location	15q24.1
Pathway	Glycolysis / Gluconeogenesis, organism-specific biosystem; Glycolysis / Gluconeogenesis, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	ADP-specific glucokinase activity; metal ion binding; transferase activity;

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