

Recombinant Full Length Human ADPGK Protein, GST-tagged

Cat. No. ADPGK-719HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ADPGK(1 a.a. - 497 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	497 amino acids
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	80.5 kDa
AA Sequence	<p>MALWRGSAYA GFLALAVGCV FLEPELPGS ALRSLWSSLC LGPAPAPPGP VSPEGRLAAA WDALIVRPVR RWRRVAVGVN ACVDVVLGGV KLLQALGLSP GNGKDHSILH SRNDLEEAFI HFMGKGAAAE RFFSDKETFH DIAQVASEFP GAQHYVGGNA ALIGQKFAAN SDLKVLLCGP VGPKLHELLD DNVFVPPESL QEVDEFHLIL EYQAGEEWGQ LKAPHANRFI FSHDLSNGAM NMLEVFVSSL EEFQPDLVVL SGLHMMEGQS KELQRKRLLE VVTSISDIPT GIPVHLELAS MTNRELMSSI VHQQVFPVAVT SLGLNEQELL FLTQSASGPH SSLSSWNGVP DVGMSVDILF WILKEHGRSK SRASDLTRIH FHTLVYHILA TVDGHWANQL</p>

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AAVAAGARVA GTQACATETI DTSRVSLRAP QEFMTSHSEA GSRIVLNPNK
PVVEWHREGI SFHFTPVLVC KDPIRTVGLG DAISAEGLFY SEVHPHY

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

ADPGK ADP-dependent glucokinase [Homo sapiens]

Official Symbol

ADPGK

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

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