

Product datasheet for **TP302965**

ADPGK (NM_031284) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ADP-dependent glucokinase (ADPGK), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202965 protein sequence Red =Cloning site Green =Tags(s)

MALWRGSAYAGFLALAVGCVFLLPELPGSALRSLWSSLCLGPAPAPPGVSPPEGRALAAWDALIVRPVR
RWRRVAVGVNACVDVVLGKLLQALGLSPGNGKDHSLHSRNDLEEFIFHFMGKAAAERFFSDKETFH
DIAQVASEFFGAQHYVGGNAALIGQKFAANSCLKVLLCGPVGPKLHELLDDNVFPPESLQEVDEFHLIL
EYQAGEEWGQLKAPHANRFIFSHDLSNGAMNMLEVFSLSLEEFQPDLVVLSGLHMMEGQSKELQRKRLLE
VVTISDIPTGIPVHLELASMTNRELMSSIVHQQVFPVAVTSLGLNEQELLFLTQSASGPHSSLSSWNGVP
DVGMSVDILFWILKEHGRSKSRASDLTRIFHFTLVYHILATVDGHWANQLAAVAAGARVAGTQACATETI
DTSRVSLRAPQEFMTSHSEAGSRVLPNPKPVVEWHREGISFHFTPVLCCKDPIRTVGLGDAISAEGLFY
SEVHPHY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

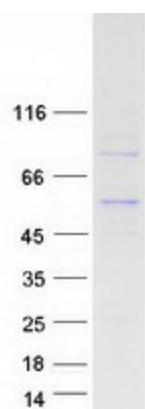
Tag:	C-Myc/DDK
Predicted MW:	53.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_112574
Locus ID:	83440
UniProt ID:	Q9BRR6
RefSeq Size:	2565
Cytogenetics:	15q24.1
RefSeq ORF:	1491
Synonyms:	2610017G09Rik; ADP-GK
Summary:	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]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified ADPGK protein (Cat# TP302965). The protein was produced from HEK293T cells transfected with ADPGK cDNA clone (Cat# [RC202965]) using MegaTran 2.0 (Cat# [TT210002]).