

Product datasheet

Recombinant Human ADPGK protein ab132638

1 Image

Overview

Product name	Recombinant Human ADPGK protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Accession	Q9BRR6
Species	Human

Sequence	<p>MALWRGSAYAGFLALAVGCVFLLEPELPGSALRSLW SSLCLGPAPAPPGP VSPEGRLAAAWDALIVRPVRRWRRVAVGVNACVDVV LSGVKLLQALGLSP GNGKDHSILHSRNDLEEFIHFMGKAAAERFFSDKE TFHDIAQVASEFP GAQHYVGGNAALIGQKFAANSCLKVLLCGPVGPKLHE LLDDNVFVPPEL QEVDEFHLILEYQAGEEWGQLKAPHANRFIFSHDLSN GAMNMLEVFVSSL EEFQPDVVLSGLHMMEGQSKELQRKRLLEVVTSSIDI PTGIPVHLELAS MTNRELMSSVHQQVFPVAVTSLGLNEQELLFLTQSASG PHSSLSSWNGVP DVGMSDILFWILKEHGRSKSRASDLTRIFHTLVYHIL ATVDGHWANQL AAVAAGARVAGTQACATETIDTSRVSLRAPQEFMTSH SEAGSRMLNPNK PVVEWHREGISFHFTPLVCKDPIRTVGLGDAISAEGL FYSEVHPHY</p>
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Molecular weight 81 kDa including tags

Amino acids 1 to 497

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab132638** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml. Best used within three months from the date of receipt.

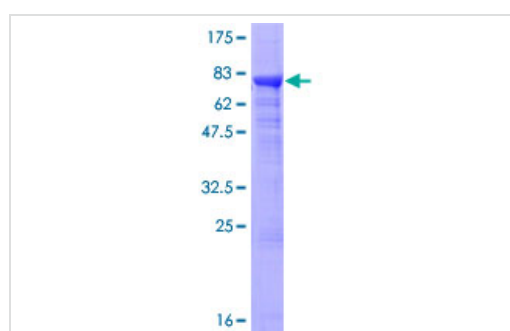
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Catalyzes the phosphorylation of D-glucose to D-glucose 6-phosphate using ADP as the phosphate donor. GDP and CDP can replace ADP, but with reduced efficiency.
Pathway	Carbohydrate degradation; glycolysis.
Sequence similarities	Belongs to the ADP-dependent glucokinase family. Contains 1 ADPK (ADP-dependent kinase) domain.
Cellular localization	Secreted.

Images



12.5% SDS-PAGE analysis of ab132638 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human ADPGK protein
(ab132638)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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