

Recombinant Mouse Adpgk Protein, Myc/DDK-tagged

Cat. No. Adpgk-1543M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ADP-dependent glucokinase (Adpgk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	54.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Adpgk ADP-dependent glucokinase [Mus musculus (house mouse)]
Official Symbol	Adpgk
Synonyms	ADPGK; ADP-dependent glucokinase; ATP-dependent glucokinase; Adp-gk; C77577; 2610017G09Rik
Gene ID	72141
mRNA Refseq	NM_028121
Protein Refseq	NP_082397
UniProt ID	Q8VDL4

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