

## Product datasheet for **TP507965**

### Adpgk (NM\_028121) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ADP-dependent glucokinase (Adpgk), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207965 representing NM_028121 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MALWRGSACAGFLALAVGCVFLLPELPGTALRSLWSSLRLGPAPVPVGPLSPESRLAAAWDALIAQPAR  
RWRRVAVGVNACVDVWISGVKLLQALGLSPGSGKDHAILHSRDLLEAFLYFMGKAAAERFFSDKETFH  
DIAQAASEFPGAQHYVGGNAALIGQRFAANTDLKVLCCGPIGPKLHELLDDNVFVPPESLQEEDEFHLIL  
EYLAGEEWGPFKAPHANRFIFSHDLSNGAMNMLEVFVSSLEEFQPDLVVLSGLHMMEGQSKELQRKRLLLE  
VTAISDIPTGIPVHLELASMTNRELMSSIVHQVFPTVASLGLNEQELLFSLQSASGPHASLSSWDGVP  
DVGMMVSDILFWILKEHGRSENRASDLTRIHFTLVYHILATVDGHWANQLAAVAAGARVAGTQACATETI  
DTNRVSLRAPQEFTTSHLESGSRIVLNPDKPVVEWHREGITFHFTPVLVCKDPVRTVGLGDAISAEGLFY  
SEARPD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	54.4 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
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 after receiving vials.
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:	<a href="#">NP_082397</a>



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Locus ID: 72141

UniProt ID: [Q8VDL4](#), [A0A1L1SSF2](#)

RefSeq Size: 2499

Cytogenetics: 9 B

RefSeq ORF: 1488

Synonyms: 2610017G09Rik; Adp-gk; C77577

Summary: 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.  
[UniProtKB/Swiss-Prot Function]