

Product Datasheet

Recombinant Human ADPGK GST (N-Term) Protein H00083440-Q01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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Publications: 2

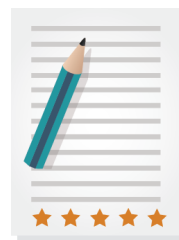
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H00083440-Q01-10ug**Recombinant Human ADPGK GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	33.66 kDa

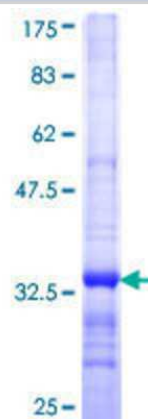
Product Description	
Description	A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 425-496 of Human ADPGK Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: SLRAPQEFMTSHSEAGSRIVLNPKNPVEWHREGISFHFTPVLVCKDPIRTVGL GDAISAEGLFYSEVHPHY
Gene ID	83440
Gene Symbol	ADPGK
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification



Images

SDS-Page: Recombinant Human ADPGK Protein [H00083440-Q01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Hu FZ, Krol JE, Tsai CHS et al. Deletion of genes involved in the ketogluconate metabolism, Entner-Doudoroff pathway, and glucose dehydrogenase increase local and invasive virulence phenotypes in *Streptococcus pneumoniae*. PLoS One 2019-03-08 [PMID: 30620734]

Richter S, Richter JP, Mehta SY et al. Expression and role in glycolysis of human ADP-dependent glucokinase. Mol Cell Biochem 2012-01-05 [PMID: 22219026]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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