

# Product Datasheet

## Recombinant Human ATPB GST (N-Term) Protein H00000506-P01-10ug

Unit Size: 10 ug

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

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**H00000506-P01-10ug**

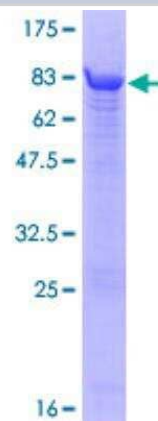
## Recombinant Human ATPB GST (N-Term) Protein

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	83 kDa
Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-529 of Human ATP5B</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>            MLGFVGRVAAAPASGALRRLTPSASLPPAQLLLRAAPTAVHPVRDYAAQTSPS            PKAGAATGRIVAVIGAVVDVQFDEGLPPILNALEVQGRETRLVLEVAQHLGEST            VRTIAMDGTEGLVRGQKVLDSGAPIKIPVGPETLGRIMNVIGEPIDERGPIKTKQ            FAPIHAEAPEFMEMSVEQEILVTGIKVVDLLAPYAKGGKIGLFGGAGVGKTVLIM            ELINNVAKAHGGYSVFAGVGERTREGNDLYHEMIESGVINLKDATSKVALVYG            QMNEPPGARARVALTGLTVAEYFRDQEGQDVLLFIDNIFRFTQAGSEVSALLG            RIPSAVGYQPTLATDMGMTMQUERITTTTCKGSITSVQAIYVPADDLTDPAATTFAH            LDATTVLSRAIAELGIYPAVDPLDSTSRIMDPNIVGSEHYDVARGVQKILQDYKS            LQDIIAILGMDELSEEDKLTVSRARKIQRFLSQPFQVAEVFTGHMGKLVPLKETIK            GFQQILAGEYDHLPEQAFYMGPIEEAVAKADKLAEEHSS</p>
Gene ID	506
Gene Symbol	ATP5F1B
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, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



## Images

SDS-Page: Recombinant Human ATPB Protein [H00000506-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Hansson SF, Korsgren S, Ponten F, Korsgren O. Enteroviruses and the pathogenesis of type 1 diabetes revisited: Cross-reactivity of enterovirus capsid protein (VP1) antibodies with human mitochondrial proteins. *J Pathol.* 2013-01-17 [PMID: 23335350]

Rubel CE, Schisler JC, Hamlett ED et al. Diggin' on U(biquitin): A Novel Method for the Identification of Physiological E3 Ubiquitin Ligase Substrates. *Cell Biochem Biophys.* 2013-09-01 [PMID: 23695782]



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### **Products Related to H00000506-P01-10ug**

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NBP1-90816PEP	ATPB Recombinant Protein Antigen
NB600-501	beta-Actin Antibody (AC-15)
NBP1-90816	ATPB Antibody
NB300-221	GAPDH Antibody (1D4)

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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.

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