

# Product Datasheet

## Recombinant Human Protein Kinase A regulatory subunit I alpha GST (N-Term) Protein H00005573-P01-10ug

Unit Size: 10 ug

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

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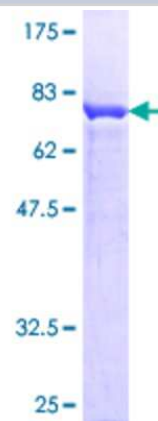


**H00005573-P01-10ug****Recombinant Human Protein Kinase A regulatory subunit I alpha GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	69.4 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-381 of Human PRKAR1A</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MESGSTAASEEARSLRECELYVQKHNIQALLKDSIVQLCTARPERPMAFLREYF  ERLEKEEAKQIQNLQKAGTRTDSREDEISPPPPNPVVKGRRRRGAISAEVYTEE  DAASYVRKVIPKDYKTMAALAKAIEKNVLFSLDDNERSDIFDAMFSVSFIAGET  VIQQGDEGDNFYVIDQGETDVYVNNEWATSVGEGGSFGELALIYGTPRAATVK  AKTNVKLWGIDRDSYRRILMGSTLRKRKMYEEFLSKVSILESLDKWERLTVADA  LEPVQFEDGQKIVVQGEPEGDEFFIILEGSAAVLQRRSENEEFVEVGRLGPSDYF  GEIALLMNRPRAATVVARGPLKCVKLDPRPRFERVLGPCSDILKRNIQQYNSFVS  LSV</p>
<b>Gene ID</b>	5573
<b>Gene Symbol</b>	PRKAR1A
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	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.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification

## Images

SDS-Page: Recombinant Human Protein Kinase A regulatory subunit I alpha Protein [H00005573-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Xiaokan Z, Bryan W, Michael K et al. STK25 inhibits PKA signaling by phosphorylating PRKAR1A. Cell Rep. 2022-08-16 [PMID: 35977512]



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### **Products Related to H00005573-P01-10ug**

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H00005573-Q01-10ug	Recombinant Human Protein Kinase A regulatory subunit I alpha GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP1-47935	Protein Kinase A regulatory subunit I alpha Antibody (OTI6C7)
NB300-537	PPAR alpha/NR1C1 Antibody (3B6/PPAR) - BSA Free

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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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