

# Product Datasheet

## Recombinant Human GRK2 GST (N-Term) Protein H00000156-P01-10ug

Unit Size: 10 ug

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

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**H00000156-P01-10ug****Recombinant Human GRK2 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>	106 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-689 of Human ADRBK1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MADLEAVLADVSYLMAMEKSKATPAARASKKILLPEPSIRSVMQKYLEDRGEVT  FEKIFSQKLGYLLFRDFCLNHLEEARPLVEFYEEIKKYEKLETEEERVARARSREIFD  SYIMKELLACSHPFSSKATEHVQGHGKQVPPDLFQPYIEEICQNLRGDVFQK  FIESDKFTRFCQWKNVELNIHLTMNDFSVHRIIGRGGFGEVYGCRKADTGKMY  AMKCLDKKRIKMKQGETLALNERIMLSLVSTGDCPFIVCMSYAFHTPDKLSFIELD  LMNGGDLHYHLSQHGVSSEADMRFYAAEILGLEHMHNRFVYRDLKPANILLD  EHGHVRISDLGLACDFSKKKPHASVGTGTHGYMAPEVLQKGVAYDSSADWFSLG  CMLFKLLRGHSPFRQHKTDKHEIDRMTLTMAVELPDSFSPELRSLLEGLLQRD  VNRRLGCLGRGAQEVKESPFRRSLDWQMVFLQKYPPLIPPRGEVNAADAFDI  GSFDEEDTKGIKLLDSDQELYRNFPILTISERWQQEVAETVFDTINAETDRLEAR  KKAKNKQLGHEEDYALGKDCIMHGYMSKMGNPFLTQWQRRYFYLFNRLW  RGEGEAPQSLTMEIQSVEETQIKERKLLLKIRGGKQFILQCDSDPPELVQWK  KELRDAYREAQQLVQRVPMKMKPRSPVVELSKVPLVQRGSANGL</p>
<b>Gene ID</b>	156
<b>Gene Symbol</b>	GRK2
<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, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

## Images

SDS-Page: Recombinant Human GRK2 Protein [H00000156-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Cheng J, Klei LR, Hubel NE et al. GRK2 suppresses lymphomagenesis by inhibiting the MALT1 proto-oncoprotein J. Clin. Invest. 2020-01-21 [PMID: 31961340]



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### **Products Related to H00000156-P01-10ug**

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NBP2-57283PEP	GRK2 Recombinant Protein Antigen
NBP2-22203	ERK1 Antibody (1E5) - BSA Free
NBP2-37611	GRK2 Antibody (3F8) - BSA Free
NBP2-59690-100ug	Rhodopsin Antibody (4D2)

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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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