

# Product Datasheet

## Recombinant Human GPSM1 GST (N-Term) Protein H00026086-P02-10ug

Unit Size: 10 ug

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

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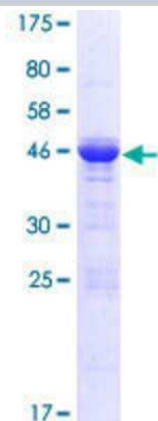
**H00026086-P02-10ug**

## Recombinant Human GPSM1 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	44.4 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-166 of Human GPSM1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MDDQRCPLDDGQAGAAEATAAPTLEDRIAQPSMTASPQTEEFFDLIASSQSRR  LDDQRASVGSPLGLRITHSNAGHLRGHGEPQEPGDDFFNMLIKYQSSRIDDDR  CPPPDVLPARGPTMPDEDEFFSLIQRVQAKRMDEQRVDLAGGPEQGAGGPPEP  QQQCQPGAS</p>
Gene ID	26086
Gene Symbol	GPSM1
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

12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

J Yan, Y Zhang, H Yu, Y Zong, D Wang, J Zheng, L Jin, X Yu, C Liu, Y Zhang, F Jiang, R Zhang, X Fang, T Xu, M Li, J Di, Y Lu, X Ma, J Zhang, W Jia, C Hu GPSM1 impairs metabolic homeostasis by controlling a pro-inflammatory pathway in macrophages *Nature Communications*, 2022-11-25;13(1):7260. 2022-11-25 [PMID: 36434066]





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### **Products Related to H00026086-P02-10ug**

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H00026086-P01-10ug	Recombinant Human GPSM1 GST (N-Term) Protein
1277-JG-050	Jagged 1 [Unconjugated]
NBP1-91968	GPSM1 Antibody
NBP1-32728	SUCLG1 Antibody

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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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