

# Product Datasheet

## Recombinant Human PGC1 alpha GST (N-Term) Protein H00010891-Q01-10ug

Unit Size: 10 ug

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

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### Publications: 1

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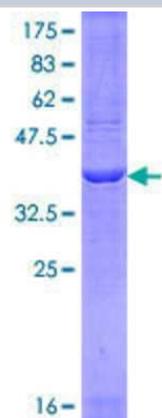
**H00010891-Q01-10ug**

## Recombinant Human PGC1 alpha 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	91 kDa
Product Description	
Description	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acid sequence 689-798 of Human PGC1 alpha</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>            TRTELRRDRFEVFGIEIEECTVNLRDDGDSYGFITYRYTCDFAFAALENGYTLRRSN            ETDfELYFCGRKQFFKSNYADLDSNSDDFDPAStKSKYDSLDFDSSLKEAQRS            LRR</p>
Gene ID	10891
Gene Symbol	PPARGC1A
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

Recombinant Human, PGC1 alpha Protein [H00010891-Q01] - 12.5% SDS-PAGE using Recombinant Human PGC1 alpha Protein stained with Coomassie Blue.



## Publications

Patel A, Dobbins T, Kong X et al. Induction of beige-like adipocyte markers and functions in 3T3-L1 cells by Clk1 and PKC beta II inhibitory molecules Journal of cellular and molecular medicine 2022-08-01 [PMID: 35801494]



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### **Products Related to H00010891-Q01-10ug**

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AF887	AKT [p Ser473] Antibody [Unconjugated] - Pan Specific
NBP1-04676	PGC1 alpha Antibody - BSA Free
NBP1-49533	Glut4 Antibody - BSA Free
NBP1-71648	mtTFA Antibody (18G102B2E11)

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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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