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## Datasheet for ABIN1609767 GPI Protein (AA 1-438) (His tag)

### Overview

Quantity:	1 mg
Target:	GPI
Protein Characteristics:	AA 1-438
Origin:	Oenococcus oeni
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPI protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MKVTFKKDYL KDFVADSEVE LLKPTAGFVR DTLLARTGVG NEMEDWLTLP SDYDKEEFAR ILKVADKIKS DSKVLVIGI GGSYLGARAV IEFLKSEFHN EKANKEGLPE VYFVGTSASG RYIDDVIDLI GNRDFSINII SKSGTTTEPA IAFRTFKSLI EKKYGKEEAS KRIFATTAH KGALLNVAKE NGYERFVVPD GIGGRYSVLS AVGLLPIAVA GINIQLMDG AKAAQEERAK DEDILNKPSI LYAIYRNILY RKGFDVETIV GYEPQFRFLF EWWKQLMAES EGKDNKGIYP TSAIFSTDLH SIGQYIQDGK KILFETILDI TKPISDRVVP SADDNTDNLD YILNKPMKEV NEAALTATAQ AHTSAGVPNI LLQLDDLDEF NLGNLIYFFE AAVAVSGYLD GINPFDQPGV EIYKTNMFKI LGKPGYTD
Specificity:	Oenococcus oeni (strain ATCC BAA-331 / PSU-1)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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Target: GPI

Alternative Name: Glucose-6-phosphate isomerase (pgi) ([GPI Products](#))

Target Type: Viral Protein

Background: Recommended name: Glucose-6-phosphate isomerase.  
Short name= GPI.  
EC= 5.3.1.9.  
Alternative name(s): Phosphoglucose isomerase.  
Short name= PGI Phosphohexose isomerase.  
Short name= PHI

UniProt: [Q04G44](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

## Handling

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one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.