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Datasheet for ABIN1649839  
**GPD2 Protein (AA 1-389) (His tag)**

Overview

Quantity:	1 mg
Target:	GPD2
Protein Characteristics:	AA 1-389
Origin:	Yeast ( <i>Zygosaccharomyces</i> )
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPD2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAATDRLNQT SDILSHSMKK TDTSMSIVTA ENPYKVAVVG SGNWGTIIAK VVAENTKEKP                  ELFQGRVDMW VFEEQIDGTP LTQIINTKHQ NVKYLPNIDL PGNLVANPDL ISTTKDADVI                  VFNVPHQFLG RIVSQMKGQI KPDARAI SCL KGFEVGP KGV QLLSDYVTQE LGIQCGALSG                  ANLAPEVAKE HWSETTVAYQ VPDDFKGEGK DIDHRVLKQL FHRPYFHVNV IDDVAGISIA                  GALKNVVALG CGFVTGLGWG NNAAAA IQRV GLGEIIFGR MFFPESKVET YYQESAGVAD                  LITTCSSGRN VRVATEMAKT GKSQEVEKD ILNGQSAQGL ITAKEVHQWL ESSGHTEEYP                  LFEAVYQITY ENVPMKELPS MIEELDIVE</p>
Specificity:	<i>Zygosaccharomyces rouxii</i> ( <i>Candida mogii</i> )
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in <i>E. coli</i> , mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

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Target:	GPD2
Alternative Name:	Glycerol-3-Phosphate Dehydrogenase [NAD (+)] 2 (GPD2) ( <a href="#">GPD2 Products</a> )
Background:	Recommended name: Glycerol-3-phosphate dehydrogenase [NAD(+)] 2. EC= 1.1.1.8. Alternative name(s): ZrGPD2
UniProt:	<a href="#">Q9HGY1</a>

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