Datasheet for ABIN7584536

GPD2 Protein (AA 43-727) (His tag)

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Overview

Quantity:	100 µg
Target:	GPD2
Protein Characteristics:	AA 43-727
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPD2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ATCFSEPV NREPPSREAQ LMTLQNTSEF DILVIGGGAT GCGCALDAVT RGLKTALVER NDFASGTSSR STKLIHGGVR YLQKAITNLD VEQYRMVKEA LHERANLLEI APHLSAPLPI MLPLYKWWQL PYYWVGIKMY DLVAGSHCLK SSYVLSKSRA LEHFPMLQKD KLVGAIVYYD GQHNDARMNL AIALTAARYG AATANYMEVV SLLKKTDPET GKERVSGARC KDVLTGHEFN VRAKCVINAT GPFTDSVRKM DDNDVVPICQ PSAGVHIVMP GYYSPENMGL LDPATSDGRV IFFLPWEKMT IAGTTDSPTD VTHHPIPSED DINFILNEVR NYLSCDVEVR RGDVLAAWSG IRPLVTDPKS ANTQSISRNH VVEVSDSGLI TIAGGKWTTY RSMAEDTVNK AVKLHNLNAG PSRTVGLFLQ GGKDWSPTLY IRLVQDYGLE SEVAQHLAKT YGDKAFDVAK MASVTGKRWP VVGVRLVSEF PYIEAEVKYG IKEYACTAVD MISRRTRLAF LNVQAAEEAL PKIVELMGRE LNWSELRKQE ELETATRFLY YEMGYKSRTE QLTDSTEISL LPPDIDRYKK RFHMFDEDEK GFITIVDVQR VLESINVQMD EDTLHEILCE VDLNKNGQVE LHEFLQLMSA VHTGRVSGSR LAILMKTAEE NLDRRVPIPV DRSCGGL

Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	GPD2
Alternative Name:	Glycerol-3-Phosphate Dehydrogenase, Mitochondrial (Gpd2) (GPD2 Products)
Background:	Recommended name: Glycerol-3-phosphate dehydrogenase, mitochondrial. Short name= GPD-M. Short name= GPDH-M. EC= 1.1.5.3
UniProt:	P35571

Application Details

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 modificated 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

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

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.