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Datasheet for ABIN1616961
GPD2 Protein (AA 1-373) (His tag)

Overview

Quantity:	1 mg
Target:	GPD2
Protein Characteristics:	AA 1-373
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPD2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTVAALNKLS ALSGSIQKSF SPKLISVGII GSGNWGTAIA KICGENAKAH PDIFHPQVHM WMYEEKIQHE GKECNLTEVF NTTHENVKYL KGIKCPSNVF ANPDIRDVGS RSDILVWVLP HQFVVRICNQ LKGCLKKDAV AISCIKGVSV TKDRVRLFSD IIEENTGMYC GVLSGANIAS EVAQEKFCET TIGYLPNSSV NPRYTPKTIQ ALFNRPYFRV NIVEDVPGVA LGGALKNIVA VAAGIIDGLE LGDNTKSAVM RIGLLEMQKF GRMFFDCKPL TMSEESCGIA DLITTCLGGR NHKCAVAFVK TGKPMHVVEQ ELLDGQKLQG AATAKEVYEF LDNQNKVSEF PLFTAVYRIV YEGLPNKLL EAI
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
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.
Purity:	> 90 %

Target Details

Target:	GPD2
Alternative Name:	Glycerol-3-Phosphate Dehydrogenase [NAD (+)] 2 (Gpd2) (GPD2 Products)
Background:	Recommended name: Glycerol-3-phosphate dehydrogenase [NAD(+)] 2. EC= 1.1.1.8
UniProt:	Q09845

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 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

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.