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Datasheet for ABIN1476103

**Phosphoglucomutase 1 Protein (PGM1) (AA 1-562) (His tag)**

## Overview

Quantity:	1 mg
Target:	Phosphoglucomutase 1 (PGM1)
Protein Characteristics:	AA 1-562
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Phosphoglucomutase 1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MVKIVTKTQ AYPDQKPGTS GLRKRKVFQ GNANYAENFI QSIVSTVEPA LRQEATLVVG GDGRFYMTQA IQLIVRIAAA NGIGRLVIGQ NGILSTPAVS CIIRKIKAIK GIILTASHNP GGPNGDFGIK FNISNGGPAP EAITDKIFQI SKTIEEYAIK PDLKVDLGVL GKQQFDLENK FKPFVTVEIVD SVEAYATMLR NIFDFNALKE LLSGPNRLKI RIDAMHGVVG PYVKKILCEE LGAPANSASN CVPLEDFGGH HPDPNLTYAA DLVETMKSGE HDFGAADFDD GDRNMILGKH GFFVNPSSDSV AVIAANIFSI PYFQQTGVRG FARSMPTSGA LDRVANATKI ASYETPTGWK FFGNLMDSK LSLCGEESFG TGSDFHIREKD GLWAVLAWLS ILATRKQKVE DILKDHQKQF GRNFFTRYDY EEVEAEGANK MMKDLEALML DRSFVGKQFS ANDKVYTVK ADNFESDPV DGSISKQGL RLIFADGSRI IFRLSGTGSA GATIRLYIDS YEKDAKINQ DPQVMLAPLI SIALKVSQLO ERTGRTAPTV IT
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: Phosphoglucomutase 1 (PGM1)

Alternative Name: Phosphoglucomutase-1 (Pgm1) ([PGM1 Products](#))

Background: Recommended name: Phosphoglucomutase-1.

Short name= PGM 1.

EC= 5.4.2.2.

Alternative name(s): Glucose phosphomutase 1

UniProt: [P38652](#)

Pathways: [Cellular Glucan Metabolic Process](#)

## 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 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

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.