Datasheet for ABIN7585510

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

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Overview

Quantity:	100 µg
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:	MVKIVTVKTQ AYPDQKPGTS GLRKRVKVFQ GNANYAENFI QSIVSTVEPA LRQEATLVVG GDGRFYMTEA IQLIVRIAAA NGIGRLVIGQ NGILSTPAVS CIIRKIKAIG GIILTASHNP GGPNGDFGIK FNISNGGPAP EAITDKIFQI SKTIEEYAIC PDLKVDLGVL GKQQFDLENK FKPFTVEIVD SVEAYATMLR NIFDFNALKE LLSGPNRLKI RIDAMHGVVG PYVKKILCEE LGAPANSAVN CVPLEDFGGH HPDPNLTYAA DLVETMKSGE HDFGAAFDGD GDRNMILGKH GFFVNPSDSV AVIAANIFSI PYFQQTGVRG FARSMPTSGA LDRVANATKI ASYETPTGWK FFGNLMDASK LSLCGEESFG TGSDHIREKD GLWAVLAWLS ILATRKQRVE DILKDHWQKF GRNFFTRYDY EEVEAEGANK MMKDLEALML DRSFVGKQFS ANDKVYTVEK ADNFEYSDPV DGSISKNQGL RLIFADGSRI IFRLSGTGSA GATIRLYIDS YEKDAAKINQ DPQVMLAPLI SIALKVSQLQ ERTGRTAPTV IT
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

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

Handling

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