

Datasheet for ABIN7550769

Phosphoglucomutase 1 Protein (PGM1) (AA 1-562) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Phosphoglucomutase 1 (PGM1)
Protein Characteristics:	AA 1-562
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Phosphoglucomutase 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PGM1 Protein expressed in mammalien cells.
Sequence:	MVKIVTVKTQ AYQDQKPGTS GLRKRKVFQ SSANYAENFI QSIISTVEPA QRQEATLVVG GDGRFYMKEA IQLIARIAAA NGIGRLVIGQ NGILSTPAVS CIIRKIKAIK GIILTASHNP GGPNGDFGIK FNISNGGPAP EAITDKIFQI SKTIEEYAVC PDLKVDLGV L GKQQFDLENK FKPFTVEIVD SVEAYATMLR SIFDFSALKE LLSGPNRLKI RIDAMHG VVG PYVKKILCEE LGAPANSAVN CVPLEDFGGH HPDPNLTYAA DLVETMKS GE HDFGA AFDGD GDRNMILGKH GFFVNP S DSV AVIAANIFSI PYFQQTGVRG FARSMPTSGA LDRVASATKI ALYETPTGWK FFGNLM DASK LSLCGEESFG TGSDHIREKD GLWAVLAWLS ILATRKQSVE DILKDHQWKY GRNFFTRYDY EEVEAEGANK MMKDLEALMF DRSFVGKQFS ANDKVYTV EK ADNFEYSDPV DGSISR NQGL RLIFTDGSRI VFRLSGTGSA GATIRLYIDS YEKDVAKINQ DPQVMLAPLI SIALKVSQ LQ ERTGRTAPT V IT Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

Phosphoglucomutase 1 (PGM1)

Alternative Name:

PGM1 ([PGM1 Products](#))

Background:

Phosphoglucomutase-1 (PGM 1) (EC 5.4.2.2) (Glucose phosphomutase 1),FUNCTION: This enzyme participates in both the breakdown and synthesis of glucose.
{ECO:0000269|PubMed:17924679, ECO:0000269|PubMed:25288802}.

Molecular Weight:

61.4 kDa

UniProt:

[P36871](#)

Pathways:

[Cellular Glucan Metabolic Process](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months