

Datasheet for ABIN7559039

Phosphoglucomutase 5 Protein (PGM5) (AA 1-567) (His tag)



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Overview

Quantity:	1 mg
Target:	Phosphoglucomutase 5 (PGM5)
Protein Characteristics:	AA 1-567
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Phosphoglucomutase 5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pgm5 Protein expressed in mammalian cells.
Sequence:	<p>MEGSPIPVLT VPTAPYEDQR PTGGGGLRRP TGLFEGQRNY LPNFIQSVLS SIDLRDRQGC</p> <p>TMVVGSDGRY FSRTATEIVV QMAAANGIGR LIIGQNGILS TPAVSCIIRK IKAAGGIILT</p> <p>ASHCPGGPGG EFGVKFNAN GGPAPDVSD KIYQISKTIE EYAIKPDRLI DLSRLGRQEF</p> <p>DLENKFKPFR VEIVDPVDIY LNLLRNIFDF NAIKSLLTGP SQLKIRVDAM HGVMGPYVRK</p> <p>VLCDELGAPA NSAINCVPLE DFGGQHPDPN LTYATTLLEA MKGGEYGFGA AFDADGDRYM</p> <p>ILGQNGFFVS PSDSLAIIAA NLSCIPYFRQ MGVRGFGRSM PTSTALDRVA KSMKVPVYET</p> <p>PAGWRFFSNL MDSGRCSLCG EESFGTGSDH LREKDGLWAV LVWLSIIAAR KQSVVEIVRD</p> <p>HWAKYGRHYY CRFDYEGLEP KATYYIMRDL EALVTDKFSI GQQFAVGSHI YSIKTDSE</p> <p>YVDPVDGTVT KKQGLRIIFS DASRLIFRLS SSSGVRATIR LYAESYERDP SGHDQEPQAV</p> <p>LSPLIAIALK ISQIHRTGR RGPTVIT Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein</p>

Product Details

could make 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 5 (PGM5)

Alternative Name:

Pgm5 ([PGM5 Products](#))

Background:

Phosphoglucomutase-like protein 5, FUNCTION: Component of adherens-type cell-cell and cell-matrix junctions. Has no phosphoglucomutase activity in vitro.
{ECO:0000250|UniProtKB:Q15124}.

Molecular Weight:

62.2 kDa

UniProt:

[Q8BZF8](#)

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