abcam

Product datasheet

Recombinant Human PGAM1 protein ab100885

2 Images

Description

Product name Recombinant Human PGAM1 protein

Purity > 90 % SDS-PAGE.

ab100885 is purified using conventional chromatography techniques.

Expression system Escherichia coli

Accession P18669

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MGSSHHHHHH SSGLVPRGSH MAAYKLVLIR

HGESAWNLEN RFSGWYDADL SPAGHEEAKR GGQALRDAGY EFDICFTSVQ KRAIRTLWTV LDAIDQMWLP VVRTWRLNER HYGGLTGLNK AETAAKHGEA QVKIWRRSYD VPPPPMEPDH PFYSNISKDR RYADLTEDQL PSCESLKDTI

ARALPFWNEE IVPQIKEGKR VLIAAHGNSL RGIVKHLEGL SEEAIMELNL PTGIPIVYEL DKNLKPIKPM QFLGDEETVR

KAMEAVAAQG KAKK

Predicted molecular weight 31 kDa including tags

Amino acids 1 to 254

Tags His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab100885 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Mass Spectrometry

SDS-PAGE

Western blot

Mass spectrometry MALDI-TOF

Form Liquid

1

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCI, 10% Glycerol (glycerin, glycerine)

General Info

Function Interconversion of 3- and 2-phosphoglycerate with 2,3-bisphosphoglycerate as the primer of the

reaction. Can also catalyze the reaction of EC 5.4.2.4 (synthase) and EC 3.1.3.13 (phosphatase),

but with a reduced activity.

Tissue specificity In mammalian tissues there are two types of phosphoglycerate mutase isozymes: type-M in

muscles and type-B in other tissues.

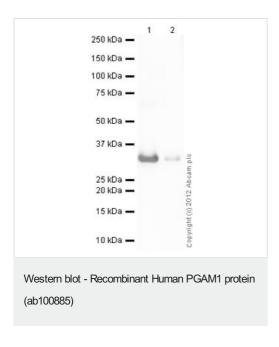
Sequence similarities Belongs to the phosphoglycerate mutase family. BPG-dependent PGAM subfamily.

Images

(ab100885)



ab100885 (3 μg) on an SDS-PAGE gel (15%).



All lanes: Anti-PGAM1 antibody (ab96622) at 1/1000 dilution

Lane 1 : Recombinant Human PGAM1 protein (ab100885) at 0.1

μg

Lane 2: Recombinant Human PGAM1 protein (ab100885) at 0.01

μg

Secondary

All lanes: Goat Anti-Rabbit IgG H&L (HRP) preadsorbed

(ab97080) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 1 minute

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- · Valid for 12 months from date of delivery
- · Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- · We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

· Guarantee only valid for products bought direct from Abcam or one of our authorized distributors