

Product datasheet

Recombinant Human PGLS protein ab101059

1 Image

Description

Product name	Recombinant Human PGLS protein
Purity	> 95 % SDS-PAGE. ab101059 was purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.
Expression system	Escherichia coli
Accession	<u>O95336</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MAAPAPGLIS VFSSSQELGA ALAQLVAQRA ACCLAGARAR FALGLSGGSL VSMLARELPA AVAPAGPASL ARWTLGFCDE RLVPFDHAES TYGLYRTHLL SRLPIPESQV ITINPELPVE EAAEDYAKKL RQAFQGDSIP VFDLLILGVG PDGHTCSLFP DHPLLQEREK IVAPISDSPK PPPQRVTLTL PVLNAARTVI FVATGEGKAA VLKRILEDQE ENPLPAALVQ PHTGKLCWFL DEAAARLLTV PFEKHSTL
Predicted molecular weight	30 kDa including tags
Amino acids	1 to 258
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab101059** in the following tested applications.

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

Applications	ELISA SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

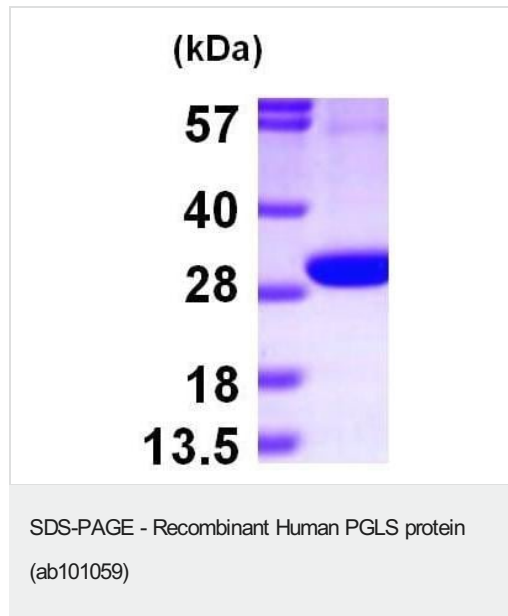
Relevance

PGLS belongs to the glucosamine/galactosamine-6-phosphate isomerase family, 6-phosphogluconolactonase subfamily. It is implicated in the hydrolysis of 6-phosphogluconolactone to 6-phosphogluconate.

Cellular localization

Cytoplasmic

Images



15% SDS-PAGE showing **ab10105** (3 µg)

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