

Product datasheet

Recombinant Human GGCT protein ab103053

1 Image

Description

Product name	Recombinant Human GGCT protein
Purity	> 95 % SDS-PAGE. ab103053 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>O75223</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSH MANS GCKDVTGPDEESF LYFAYGSNLLTER IHLRNPSAAFFCVARLQDFKLD FGNSQGKTSQ TWHGGIATI FQSPGDEVW GVVWKMNKSNLNSLDEQEGVKSGMYV VIEVKVATQEGK EITCRSYLMTNY ESAPPSPQYKKIICMGAKENGLPLEYQEKLKAIEPN DYTGK VSEEIEDII KKGETQTL
Predicted molecular weight	23 kDa including tags
Amino acids	1 to 188
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab103053** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
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: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

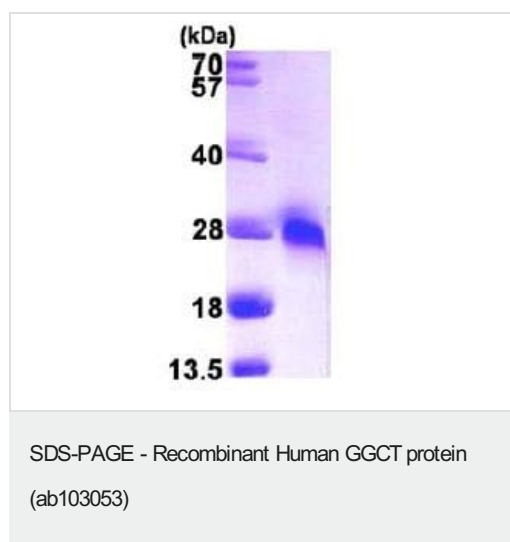
Function

Catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides and may play a significant role in glutathione homeostasis. Induces release of cytochrome c from mitochondria with resultant induction of apoptosis.

Sequence similarities

Belongs to the gamma-glutamylcyclotransferase family.

Images



15% SDS-PAGE analysis of 3µg of ab103053.

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