

## Product datasheet

# Recombinant Human GGCT protein ab103053

1 Image

### Description

<b>Product name</b>	Recombinant Human GGCT protein	
<b>Purity</b>	> 95 % SDS-PAGE. ab103053 was purified using conventional chromatography techniques.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">O75223</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	<p><b>MGSSHHHHHSSGLVPRGSHMANS</b>GCKDVTGPDEESF            LYFAYGSNLLTER            IHLRNPSAAFFCVARLQDFKLDGNSQGKTSQ<sup>W</sup>HGGIATI            FQSPGDEVW            GVVWKMNKS<sup>N</sup>LSLDEQEGVKSGMYV<sup>V</sup>IEVKVATQEGK            EITCRSYLMTNY            ESAPPSPQYKKIICMGAKENGLPLEYQEKLKAIEPNDYTGK            VSEEIEDIIKKGETQTL</p>	
<b>Predicted molecular weight</b>	23 kDa including tags	
<b>Amino acids</b>	1 to 188	
<b>Tags</b>	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.

<b>Applications</b>	SDS-PAGE Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

### Preparation and Storage

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**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)

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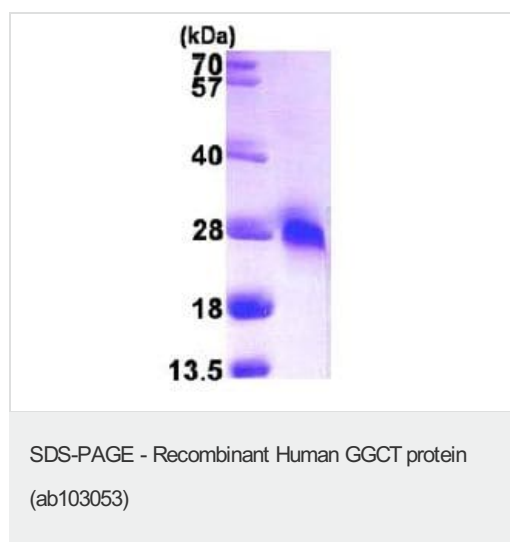
**General Info****Function**

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.

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**Images**

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

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

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- Replacement or refund for products not performing as stated on the datasheet
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