

## Product datasheet

### Recombinant human GST3 / GST pi protein ab86703

[2 Images](#)

#### Description

<b>Product name</b>	Recombinant human GST3 / GST pi protein
<b>Biological activity</b>	Specific activity is > 80 units/mg, and is defined as the amount of enzyme that conjugate 1.0 umole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25C.
<b>Purity</b>	> 95 % SDS-PAGE. ab86703 is purified using conventional chromatography techniques. Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method).
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMPP YTVVYFPVRG RCAALRMLLA DQGQSWKEEV VTVETWQEGS LKASCLYGQL PKFQDGD LTL YQSNTILRHL GRTLGLYGKD QQEAALVDMV NDGVEDLRCK YISLIYTNYE AGKDDYVKAL PGQLKPFETL LSQNQGGKTF VGDQISFAD YNLLDLLLIH EVLAPGCLDA FPLLSAYVGR LSARPKLKAF LASPEYVNL P INGNGKQ

#### Specifications

Our **Abpromise guarantee** covers the use of **ab86703** 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 Western blot
<b>Form</b>	Liquid

#### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw
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cycles.

pH: 7.00

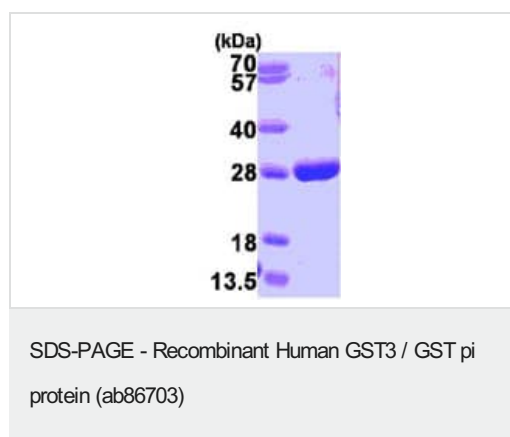
Constituents: 0.316% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.03% EDTA, 0.002% PMSF

This product is an active protein and may elicit a biological response in vivo, handle with caution.

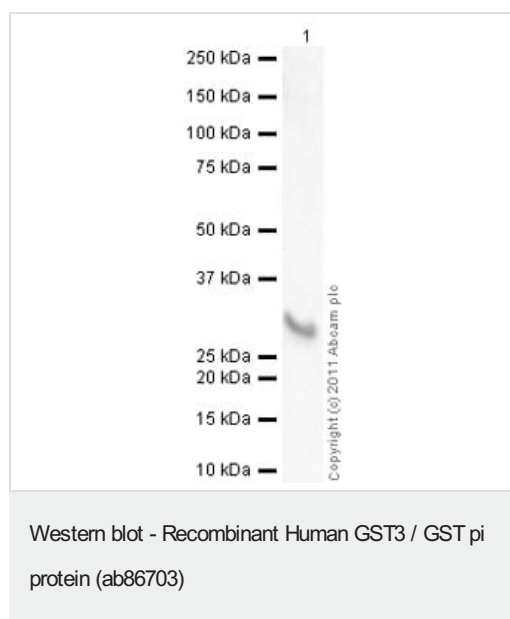
## General Info

<b>Function</b>	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
<b>Sequence similarities</b>	Belongs to the GST superfamily. Pi family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.

## Images



15% SDS-PAGE showing ab86703 at approximately 27.6kDa (3μg).



**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**

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

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