

## Product datasheet

# Recombinant Golden hamster GRP78 BiP protein ab92363

[3 Images](#)

### Description

<b>Product name</b>	Recombinant Golden hamster GRP78 BiP protein
<b>Purity</b>	> 80 % SDS-PAGE. Purified by Multi-step chromatography.
<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>	Hamster

### Specifications

Our **Abpromise guarantee** covers the use of **ab92363** 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>	Western blot SDS-PAGE
<b>Form</b>	Liquid

### Preparation and Storage

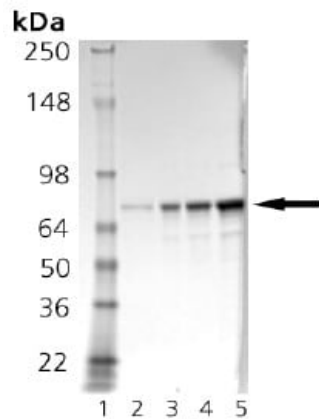
<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.  Constituents: Tris buffered saline, 0.77% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, Glycerol (glycerin, glycerine), Sodium chloride
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### General Info

<b>Function</b>	Probably plays a role in facilitating the assembly of multimeric protein complexes inside the endoplasmic reticulum. Involved in the correct folding of proteins and degradation of misfolded proteins via its interaction with DNAJC10, probably to facilitate the release of DNAJC10 from its substrate.
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<b>Involvement in disease</b>	Autoantigen in rheumatoid arthritis.
<b>Sequence similarities</b>	Belongs to the heat shock protein 70 family.
<b>Cellular localization</b>	Endoplasmic reticulum lumen. Melanosome. Cytoplasm. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

## Images



SDS-PAGE - Recombinant Golden hamster GRP78 BiP protein (ab92363)

### SDS-PAGE Analysis:

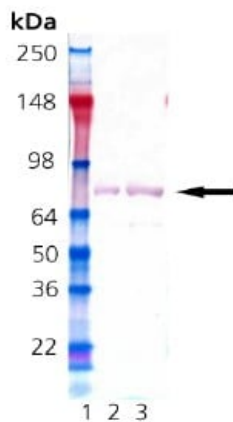
Lane 1: Molecular weight markers

Lane 2: ab92363 0.5  $\mu$ g

Lane 3: ab92363 1  $\mu$ g

Lane 4: ab92363 2  $\mu$ g

Lane 5: ab92363 5  $\mu$ g



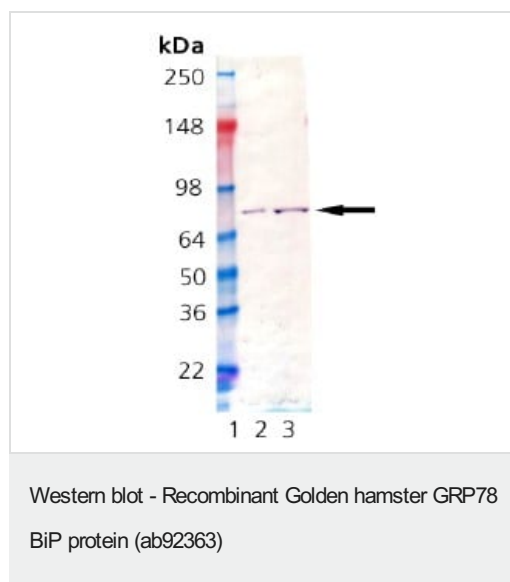
Western blot - Recombinant Golden hamster GRP78 BiP protein (ab92363)

**All lanes :** Anti-Recombinant GRP78 BiP polyclonal antibody

**Lane 1 :** Molecular weight markers

**Lanes 2-3 :** ab92363

Rabbit polyclonal to GRP78 BiP ([ab105019](#)) was tested with ab92363.



**All lanes :** Anti-KDEL (GRP78, GRP94)  
monoclonal antibody

**Lane 1 :** Molecular weight markers

**Lanes 2-3 :** ab92363

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

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