

## Product datasheet

# Recombinant Mouse Glutaredoxin 1 protein (His tag) ab227407

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Mouse Glutaredoxin 1 protein (His tag)
<b>Purity</b>	> 95 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<u><a href="#">Q9QUH0</a></u>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Mouse
<b>Sequence</b>	MGSSHHHHHHSSGLVPRGSHMGMAQEFVNCKIQSGKV VVF <del>I</del> KPTCPYCR KTQEILSQLPFKQGLLEFVDITATNNTSAIQDYLQQLTGART VPRVFIGK DCIGGCSDLISMQQTGELMTRLKQIGALQL
<b>Predicted molecular weight</b>	14 kDa including tags
<b>Amino acids</b>	1 to 107
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	NP_444338

### Specifications

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Our **Abpromise guarantee** covers the use of **ab227407** 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>	Mass Spectrometry SDS-PAGE
<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: 5.00

Constituents: 0.39% MES, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## General Info

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### Function

Has a glutathione-disulfide oxidoreductase activity in the presence of NADPH and glutathione reductase. Reduces low molecular weight disulfides and proteins.

### Sequence similarities

Belongs to the glutaredoxin family.  
Contains 1 glutaredoxin domain.

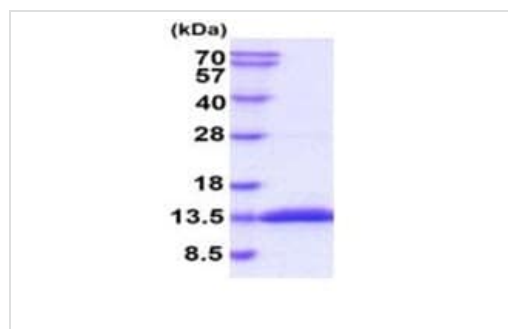
### Cellular localization

Cytoplasm.

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## Images

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ab227407 (3 µg) analysed by 15% SDS-PAGE.

SDS-PAGE - Recombinant Mouse Glutaredoxin 1  
protein (His tag) (ab227407)

**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
- 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
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