

## Product datasheet

### Recombinant Human GSTM2 protein ab99435

1 Image

#### Description

<b>Product name</b>	Recombinant Human GSTM2 protein
<b>Purity</b>	> 95 % SDS-PAGE. ab99435 is purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P28161</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<b>MGSSHHHHHHSSGLVPRGSHMPMTLGYWNIRGLAHSIRL LLEYTDSSYEE KKYTMGDAPDYDRSQWLNEKFKLGDFPNLPYLIDGTHKI TQSNAILRYI ARKHNLCGESEKEQIREIDILENQFMDSRMLAKLCYDPD FEKLKPEYLQA LPEMLKLYSQFLGKQPWFLGDKITFVDFIAYDVLERNQVF EPSCLDAFPN LKDFISRFEGLEKISAYMKSSRFLPRPVFTKMAVWGNK</b>
<b>Predicted molecular weight</b>	28 kDa
<b>Amino acids</b>	1 to 218
<b>Tags</b>	His tag N-Terminus

#### Specifications

Our **Abpromise guarantee** covers the use of **ab99435** 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

### Stability and Storage

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

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## General Info

### Function

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.

### Tissue specificity

Muscle.

### Sequence similarities

Belongs to the GST superfamily. Mu family.

Contains 1 GST C-terminal domain.

Contains 1 GST N-terminal domain.

### Cellular localization

Cytoplasm.

## Images



15% SDS-PAGE showing ab99435 at approximately 27.9kDa (3μg).

**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
- Valid for 12 months from date of delivery
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