

Recombinant Human MGST1 protein ab114792

1 Image

Description

Product name	Recombinant Human MGST1 protein
Expression system	Wheat germ
Accession	<u>P10620</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MVDLTQVMDDEVFMAFASYATIILSKMMLMSTATAFYRLT RKVFANPEDC VAFGKGENAKKYLRTDDRVERVRRRAHLNDLENIIPFLGIGL LYSLSGPDP STAILHFRLFVGARIYHTIAYLTPLPQPNRALSFFVGYGVTLS MAYRLLK SKLYL
Predicted molecular weight	43 kDa including tags
Amino acids	1 to 155

Specifications

Our <u>Abpromise guarantee</u> covers the use of ab114792 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Western blot SDS-PAGE ELISA
Form	Liquid
Additional notes	This product was previously labelled as Microsomal Glutathione S-transferase 1.

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
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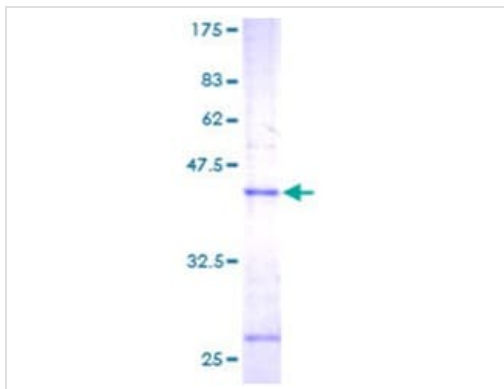
pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Has a wide substrate specificity.
Tissue specificity	Highly expressed in liver.
Sequence similarities	Belongs to the MAPEG family.
Post-translational modifications	Peroxynitrite induces nitration at Tyr-93 which activates the enzyme.
Cellular localization	Microsome. Mitochondrion outer membrane. Endoplasmic reticulum membrane.

Images



ab114792 on 12.5% SDS-PAGE Stained with Coomassie Blue.

SDS-PAGE - Recombinant Human MGST1 protein
(ab114792)

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

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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