

# Recombinant Human GSTZ1 protein ab93691

## 1 图像

### 描述

产品名称	重组人GSTZ1蛋白
纯度	> 95 % SDS-PAGE. ab93691 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHH SSSLVPRGSH MQAGKPILYS YFRSSCSWRV RIALALKGID YETVPINLIK DGGQQFSKDF QALNPMKQVP TLKIDGITIH QSLAIEYLE ETRPTRLLP QDPKKRASVR MISDLIAGGI QPLQNLVVK QVGEEMQLTW AQNAITCGFN ALEQILQSTA GIYCVGDEVT MADLCLVPQV ANAERFKVDL TPYPTISSIN KRLLVLEAFQ VSHPCRQPDT PTELRA

### 技术指标

Our **Abpromise guarantee** covers the use of **ab93691** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid
补充说明	This product was previously labelled as Glutathione Transferase zeta 1

### 制备和贮存

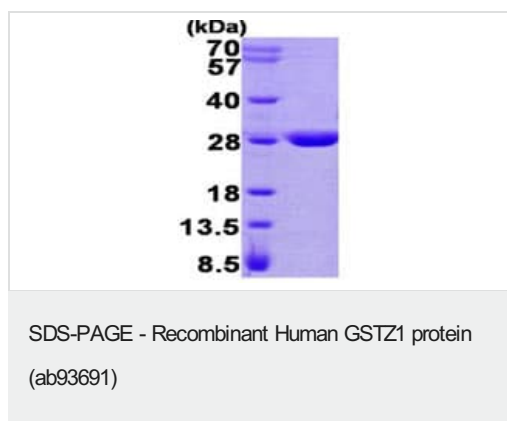
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 7.40
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Constituents: PBS, 10% Glycerol (glycerin, glycerine)

## 常规信息

<b>功能</b>	Bifunctional enzyme showing minimal glutathione-conjugating activity with ethacrynic acid and 7-chloro-4-nitrobenz-2-oxa-1,3-diazole and maleylacetoacetate isomerase activity. Has also low glutathione peroxidase activity with T-butyl and cumene hydroperoxides. Is able to catalyze the glutathione dependent oxygenation of dichloroacetic acid to glyoxylic acid.
<b>组织特异性</b>	Mostly expressed in liver followed by kidney, skeletal muscle and brain. Also expressed in melanocytes, synovium, placenta, breast and fetal liver and heart.
<b>通路</b>	Amino-acid degradation; L-phenylalanine degradation; acetoacetate and fumarate from L-phenylalanine: step 5/6.
<b>序列相似性</b>	Belongs to the GST superfamily. Zeta family. Contains 1 GST C-terminal domain. Contains 1 GST N-terminal domain.
<b>细胞定位</b>	Cytoplasm.

## 图片



15% SDS-PAGE showing ab93691 at approximately 26 kDa (3  $\mu$ g).

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

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