

[Go to Product page](#)

## Datasheet for ABIN1651246 GSTO1 Protein (AA 2-241) (His tag)

### Overview

Quantity:	1 mg
Target:	GSTO1
Protein Characteristics:	AA 2-241
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GSTO1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	SGGSARSLG KGSAPPGPVP EGLIRVYSMR FCPFAQRTLL VLNAKGIRHQ VININLKNKP EWFFQKNPSG LVPVLENSQG QLIYESAIRC EYLDEAYPGK KLLPDDPYEK ACQKMFELS SKVPPLLIRF IRRENEADCS GLKEELRKEF SKLEEVLTCK KTTYFGGSSL SMIDYLIWPW FERLEALELN ECIDHTPKLK LWMAAMMKDP AVSALHIEPR DLRAFNDLYL QNSPEACDYG L
Specificity:	Sus scrofa (Pig)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

### Target Details

Target:	GSTO1
---------	-------

## Target Details

Alternative Name:	Glutathione S-transferase omega-1 (GSTO1) ( <a href="#">GSTO1 Products</a> )
Background:	<p>Recommended name: Glutathione S-transferase omega-1.</p> <p>Short name= GSTO-1.</p> <p>EC= 2.5.1.18.</p> <p>Alternative name(s): Glutathione S-transferase omega 1-1.</p> <p>Short name= GSTO 1-1 Glutathione-dependent dehydroascorbate reductase.</p> <p>EC= 1.8.5.1 Monomethylarsonic acid reductase.</p> <p>Short name= MMA(V) reductase.</p> <p>EC= 1.20.4.2 S-(Phenacyl)glutathione reductase.</p> <p>Short name= SPG-R</p>
UniProt:	<a href="#">Q9N1F5</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Negative Regulation of Transporter Activity</a>

## Application Details

Comment:	<p>The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

## Handling

---

Storage: -20 °C

---

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.