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## Datasheet for ABIN1616649 GPX3 Protein (AA 25-226) (His tag)



Overview	
Quantity:	1 mg
Target:	GPX3
Protein Characteristics:	AA 25-226
Origin:	Capuchin Monkey
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPX3 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	QDKSKM DCHGGVSGTI YEYGALTIDG EEYTPFKQYI GKYVLFVNVA SYUGLTGQYI ELNALQEELA
	PFGLDLLGFP CNQFGKQEPG ENSEILPSLK YVRPGGGFVP NFQLFEKGDV NGEKEQKFYT
	FLKNSCPPTS ELLGTSDRLF WEPMKVHDIR WNFEKFLVGP DGIPVMRWHH RTTISNVKMD
	ILSYMRRQAA LGVKRK
Specificity:	Cebus apella (Brown-capped capuchin)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %
Target Details	
	GPX3

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## Target Details

Alternative Name:	Glutathione peroxidase 3 (GPX3) (GPX3 Products)
Background:	Recommended name: Glutathione peroxidase 3.
	Short name= GPx-3.
	Short name= GSHPx-3.
	EC= 1.11.1.9.
	Alternative name(s): Plasma glutathione peroxidase.
	Short name= GPx-P.
	Short name= GSHPx-P
UniProt:	Q4AEH3
Pathways:	Thyroid Hormone Synthesis

## Application Details

Comment:	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 modificated 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.

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

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