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Datasheet for ABIN1658787  
**HAO1 Protein (AA 1-370) (His tag)**

### Overview

Quantity:	1 mg
Target:	HAO1
Protein Characteristics:	AA 1-370
Origin:	Mouse
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAO1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MLPRLVCISD YEQHVRSVLQ KSVYDYRSG ANDQETLADN IQAFSRWKLY PRMLRNVADI DLSTSVLGQR VSMPICVGAT AMQCMAHVDG ELATVRACQT MGTGMMLSSW ATSSIEEVAE AGPEALRWMQ LYIYKDREIS RQIVKRAEKQ GYKAIFVTVD TPYLGNRIDD VRNRFKLPPQ LRMKNFETND LAFSPKGNFG DNSGLAEYVA QAIDPSLSWD DITWLRRLTS LPIVVKGILR GDDAKEAVKH GVDGILVSNH GARQLDGVPA TIDVLPEIVE AVEGKVEVFL DGGVRKGTDV LKALALGAKA VFVGRPIIWG LAFQGEKGVQ DVLEILKEEF RLAMALSGCQ NVKVIDKTLV RKNPLAVSKI
Specificity:	Mus musculus (Mouse)
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

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Target:	HA01
Alternative Name:	Hydroxyacid oxidase 1 (Hao1) ( <a href="#">HA01 Products</a> )
Background:	Recommended name: Hydroxyacid oxidase 1. Short name= HAOX1. EC= 1.1.3.15. Alternative name(s): Glycolate oxidase. Short name= GOX
UniProt:	<a href="#">Q9WU19</a>
Pathways:	<a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

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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 modified 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

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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.