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Datasheet for ABIN1622075
Liver Arginase Protein (AA 1-322) (His tag)

Overview

Quantity:	1 mg
Target:	Liver Arginase (ARG1)
Protein Characteristics:	AA 1-322
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Liver Arginase protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSKPQSIGV IGAPFSKGQP RGGVEEGPTV LRKAGLLEKL KELECDVKDY GDLSFADNLD DSPFQIVKNP RCVGKASEKL ADVVAEVKKT GRISLVGGD HSLAIGSISG HARVHPDLCV IWVDAHTDIN TPLTTKTGNL HGQPVSFLK ELKEKMPEVP GFYWWAPCIS AKDIVYIGLR DVDPGEHYIL KTLGIKYFSM TEVDKLGIGK VMEETFSYLL GRKKRPIHLS FDVDGLDPSF TPATGTPVQG GLTYREGLYI TEEIYKTGLL SGLDIMEVNP SLGKTPEEVT RTVNTTVAIT MACFGVAREG NHKPIDYLSP PK
Specificity:	Bos taurus (Bovine)
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:	Liver Arginase (ARG1)
Alternative Name:	Arginase-1 (ARG1) (ARG1 Products)
Background:	Recommended name: Arginase-1. EC= 3.5.3.1. Alternative name(s): Liver-type arginase Type I arginase
UniProt:	Q2KJ64
Pathways:	Cellular Response to Molecule of Bacterial Origin

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 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

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.