Datasheet for ABIN1473093

GOT2 Protein (AA 30-430) (His tag)

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Overview

Quantity:	1 mg
Target:	GOT2
Protein Characteristics:	AA 30-430
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GOT2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	S SWWAHVEMGP PDPILGVTEA YKRDTNSKKM NLGVGAYRDD NGKPYVLPSV RKAEAQIAAK GLDKEYLPIG GLAEFCRASA ELALGENSEV VKSGRFVTVQ TISGTGALRI GASFLQRFFK FSRDVFLPKP SWGNHTPIFR DAGMQLQSYR YYDPKTCGFD FTGALEDISK IPEQSVLLLH ACAHNPTGVD PRPEQWKEIA TVVKKRNLFA FFDMAYQGFA SGDGDKDAWA VRHFIEQGIN VCLCQSYAKN MGLYGERVGA FTVICKDADE AKRVESQLKI LIRPMYSNPP IHGARIASTI LTSPDLRKQW LQEVKGMADR IIGMRTQLVS NLKKEGSTHS WQHITDQIGM FCFTGLKPEQ VERLTKEFSI YMTKDGRISV AGVTSGNVGY LAHAIHQVTK
Specificity:	Oryctolagus cuniculus (Rabbit)
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

Target:	GOT2
Alternative Name:	Aspartate aminotransferase, mitochondrial (GOT2) (GOT2 Products)
Background:	Recommended name: Aspartate aminotransferase, mitochondrial. Short name= mAspAT. EC= 2.6.1.1. Alternative name(s): Fatty acid-binding protein. Short name= FABP-1 Glutamate oxaloacetate transaminase 2 Plasma membrane-associated fatty acid-binding protein. Short name= FABPpm Transaminase A
UniProt:	P12345
Pathways:	Monocarboxylic Acid Catabolic Process

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

Handling

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

