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Datasheet for ABIN1459186
GOT1 Protein (AA 2-412) (His tag)

Overview

Quantity:	1 mg
Target:	GOT1
Protein Characteristics:	AA 2-412
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GOT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AASIFAAVP RAPPVAVFKL TADFREDGDS RKVNLGVGAY RTDEGQPWVL PVVRKVEQLI AGDGSLNHEY LPILGLPEFR ANASRIALGD DSPAIAQKRV GSVQGLGGTG ALRIGAEFLR RWYNGNNNTA TPVYVSSPTW ENHNSVFMDA GFKDIRTYRY WDAAKRGLDL QGLLDDMEKA PEFSIFILHA CAHNPTGTDP TPDEWKQIAA VMKRRCLFPF FDSAYQGFAS GSLDKDAWAV RYFVSEGFEL FCAQSFSKNF GLYNERVGNL SVVGKDEDNV QRVLSQMEKI VRTTWSNPPS QGARIVATTL TSPQLFAEWK DNVKTMADRV LLMRSELSR LESLGTPTGW NHITDQIGMF SFTGLNPKQV EYMIKEKHIY LMASGRINMC GLTTKNLDYV AKSIHEAVTK IQ
Specificity:	Gallus gallus (Chicken)
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:	GOT1
Alternative Name:	Aspartate aminotransferase, cytoplasmic (GOT1) (GOT1 Products)
Background:	Recommended name: Aspartate aminotransferase, cytoplasmic. EC= 2.6.1.1. Alternative name(s): Glutamate oxaloacetate transaminase 1 Transaminase A
UniProt:	P00504
Pathways:	Hepatitis C , Monocarboxylic Acid Catabolic Process , Methionine Biosynthetic Process

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.