Datasheet for ABIN7587972

AGXT2 Protein (AA 42-514) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	AGXT2
Protein Characteristics:	AA 42-514
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGXT2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LHTKPSMPP CDFTPERYQS LAYSRVLEIH KQHLSPVHTA YFPEPLLLHQ GHVEWLFDHE GNRYLDFFSG IVTVSVGHCH PKVNAAAQRQ LGRLWHTSSV FFHPLIHEYA EKLSALLPEP LKVVFLVNSG SEANDLAMLM ARAHSNSTDI ISFRGAYHGC SPYTLGLTNV GIYKMDLPHG MGCQPTMCPD IFHGPWGGSH CRDSPVQTIR KCSCAPDCCQ AKDQYIEQFK DTLSTSVAKS IAGFFAEPIQ GVNGVVQYPK GFLKEAFELV RERGGVCIAD EVQTGFGRLG SHFWGFQTHD VLPDIVTMAK GIGNGFPMAA VVTTPDIAKS LTKRMLHFNT FGGNPMACAV GSAVLEVIKE ENLQENSQEV GTYMLLKLAK LRDEFEIVGD VRGKGLMIGI EMVKDKESRQ PLPREEVNQI HHDCKCMGLL IGRGGLFSQT FRIAPSMCIT KPEVDFAVEV FRSALIQHME RRAK
Specificity:	Bos taurus (Bovine)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	AGXT2
Alternative Name:	Alanine--glyoxylate aminotransferase 2, mitochondrial (AGXT2) (AGXT2 Products)
Background:	Recommended name: Alanine--glyoxylate aminotransferase 2, mitochondrial. Short name= AGT 2. EC= 2.6.1.44. Alternative name(s): (R)-3-amino-2-methylpropionate--pyruvate transaminase. EC= 2.6.1.40 Beta-ALAAT II Beta-alanine-pyruvate aminotransferase D-AIBAT
UniProt:	Q17QF0
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

Handling

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