Datasheet for ABIN7590831

AGXT2 Protein (AA 13-476) (His tag)

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Overview

Quantity:	100 µg
Target:	AGXT2
Protein Characteristics:	AA 13-476
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGXT2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SDIYHRRA ISLLRTDFST SPSIADAPPH IPPFVHQPRP YKGPSADEVL QKRKKFLGPS LFHYYQKPLN IVEGKMQYLY DESGRRYLDA FAGIVTVSCG HCHPDILNAI TEQSKLLQHA TTIYLHHAIG DFAEALAAKM PGNLKVVYFV NSGSEANELA MMMARLYTGS LEMISLRNAY HGGSSNTIGL TALNTWKYPL PQGEIHHVVN PDPYRGVFGS DGSLYAKDVH DHIEYGTSGK VAGFIAETIQ GVGGAVELAP GYLKSVYEIV RNAGGVCIAD EVQTGFGRTG SHYWGFQTQD VVPDIVTMAK GIGNGLPLGA VVTTPEIASV LASKILFNTF GGNPVCSAGG LAVLNVIDKE KRQEHCAEVG SHLIQRLKDV QKRHDIIGDV RGRGLMVGIE LVSDRKDKTP AKAETSVLFE QLRELGILVG KGGLHGNVFR IKPPMCFTKD DADFLVDALD YSISRL
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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 homolog 1, mitochondrial (AGT2) (AGXT2 Products)
Background:	Recommended name: Alanine--glyoxylate aminotransferase 2 homolog 1, mitochondrial. EC= 2.6.1.44. Alternative name(s): Beta-alanine-pyruvate aminotransferase 1
UniProt:	Q940M2
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.