Datasheet for ABIN1631461

AADAT Protein (AA 30-425) (His tag)

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Overview

Quantity:	1 mg
Target:	AADAT
Protein Characteristics:	AA 30-425
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AADAT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	P KSVISLATGA PNPNTFPFKT AVITIENGKP IQFNEQMMKR ALQYSQSAGI PELLSWLKQL QVKLHNPPTI HYAPTQGQMD LCVTCGSQEG LCKVFEMIVN PGDNILVNEP IYSGTIHALQ PLGCNMINVS SDEHGIIPDS LREILSKWKP EDSKNPKKNS PKFLYTVPNG NNPSGNSLTA ERKREIYELA RKYDFLIIED DPYYFMQFNK PWAPTFLSMD EDGRVIRADS FSKVLSSGLR IGFITGPKPL IERIVLHIQV STMHPSTFAQ LLVSQLLYQW GEEGFLGHVD RVIDFYRKQR DALMAAADKW LSGLAEWHVP TAGMFLWVKI KGIHDVRKLI EEKAFKKEIF MLPGCGFYTD SSAPCPYFRA SFSSASPEQM DLAFQRLAQL IKESL
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.
Purity:	> 90 %

Target Details

Target:	AADAT
Alternative Name:	Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial (AADAT) (AADAT Products)
Background:	Recommended name: Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial. Short name= KAT/AadAT. Alternative name(s): 2-aminoadipate aminotransferase 2-aminoadipate transaminase. EC= 2.6.1.39 Alpha-aminoadipate aminotransferase. Short name= AadAT Kynurenine aminotransferase II Kynurenine--oxoglutarate aminotransferase II Kynurenine--oxoglutarate transaminase 2. EC= 2.6.1.7 Kynurenine--oxoglutarate transaminase II
UniProt:	Q5E9N4

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