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Datasheet for ABIN1472318

ABAT Protein (AA 29-500) (His tag)

Overview

Quantity:	1 mg
Target:	ABAT
Protein Characteristics:	AA 29-500
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABAT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SQ AAAKVDVEFD YDGPLMKTEV PGPRSRELMK QLNIIQNAEA VHFFCNYEES RGNYLVDVDG NRMLDLYSQI SSIPIGYSHP ALVKLVQQPQ NVSTFINRPA LGILPPENFV EKLRESLLSV APKGMSQLIT MACGSCSNEN AFKTIFMWYR SKERGQSAFS KEELETCMIN QAPGCPDYSI LSFMGAFHGR TMGCLATTHS KAIHKIDIPS FDWPIAPFPR LKYPLEEFVK ENQEEARCL EEVEDLIVKY RKKKKTVAGI IVEPIQSEGG DNHASDDFFR KLRDISRKHG CAFLVDEVQT GGGSTGKFWA HEHWGLDDPA DVMTFSKKMM TGGFFHKEEF RPNAPYRIFN TWLGDP SKNL LLAEVINIIK REDLLSNAAH AGKVLLTGLL DLQARYPQFI SRVRGRGTFC SFDTPDESIR NKLISIARNK GVMLGGCGDK SIRFRPTLVF RDHHAHLFLN IFSDILADFK
Specificity:	Sus scrofa (Pig)
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.

Product Details

Purity: > 90 %

Target Details

Target: ABAT

Alternative Name: 4-aminobutyrate aminotransferase, mitochondrial (ABAT) ([ABAT Products](#))

Background: Recommended name: 4-aminobutyrate aminotransferase, mitochondrial.
EC= 2.6.1.19.
Alternative name(s): (S)-3-amino-2-methylpropionate transaminase.
EC= 2.6.1.22 GABA aminotransferase.
Short name= GABA-AT Gamma-amino-N-butyrate transaminase.
Short name= GABA transaminase.
Short name= GABA-T L-AIBAT

UniProt: [P80147](#)

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 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.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling

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.