Datasheet for ABIN1505072

Amylase beta Protein (amyB) (AA 37-468) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	Amylase beta (amyB)
Protein Characteristics:	AA 37-468
Origin:	Bacillus firmus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Amylase beta protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	VADD IQASVMGPLA KINDWGSFKK QLQTLKNNGV YAITTDVWWG YVESAGDNQF DWSYYKTYAD AVKEAGLKWV PIISTHKCGG NVGDDCNIPL PSWLSSKGSA DEMQFKDESG YANNEALSPL WSGTGKQYDE LYASFAQNFA GYKSIIPKIY LSGGPSGELR YPSYYPAAGW SYPGRGKFQA YTETAKNAFR TAMNDKYGSL DKINTAWGTK LTSLSQINPP TDGDGFYTNG GYNSAYGKDF LSWYQSVLEK HLGVIGAAAH KNFDSVFGVR IGAKISGLHW QMNNPAMPHS TEQAGGYYDY NRLIQKFKDA DLDLTFTCLE MSDSGTAPNY SLPSTLVDTV SSIANAKGVR LNGENALQTG GSGFQKIEEK ITKFGYHGFT LLRINNLVNN DGSPTGELSG FKQYIISKAK PDNNGGTGNK VTIYYKKG
Specificity:	Bacillus firmus
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:	Amylase beta (amyB)
Alternative Name:	Beta-amylase (amyB Products)
Background:	Recommended name: Beta-amylase. EC= 3.2.1.2. Alternative name(s): 1,4-alpha-D-glucan maltohydrolase
UniProt:	P96513

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.