Datasheet for ABIN1659784

ADE12 Protein (AA 1-428) (His tag)

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Overview

Quantity:	1 mg
Target:	ADE12
Protein Characteristics:	AA 1-428
Origin:	Candida albicans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADE12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MCDVVLGSQW GDEGKGKLVD LLCDDIDVCA RCQGGNNAGH TIVVGKVKYD FHMLPSGLVN PKCQNLVGSG VVIHVPSFFA ELENLEAKGL DCRDRLFVSS RAHLVFDFHQ RTDKLKEAEL STNKKSIGTT GKGIGPTYST KASRSGIRVH HLVNPDPEAW EEFKTRYLRL VESRQKRYGE FEYDPKEELA RFEKYRETLR PFVVDSVNFM HEAIAANKKI LVEGANALML DIDFGTYPYV TSSSTGIGGV LTGLGIPPRT IRNVYGVVKA YTTRVGEGPF PTEQLNKVGE TLQDVGAEYG VTTGRKRRCG WLDLVVLKYS NSINGYTSLN ITKLDVLDKF KEIEVGVAYK LNGKELPSFP EDLIDLAKVE VVYKKFPGWE QDITGIKKYE DLPENAKNYL KFIEDYLQVP IQWVGTGPAR DSMLEKKI
Specificity:	Candida albicans (strain SC5314 / ATCC MYA-2876) (Yeast)
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:	ADE12
Alternative Name:	Adenylosuccinate synthetase (ADE12) (ADE12 Products)
Background:	Recommended name: Adenylosuccinate synthetase. Short name= AMPSase. Short name= AdSS. EC= 6.3.4.4. Alternative name(s): IMP--aspartate ligase
UniProt:	P0CH96

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.