Datasheet for ABIN1672034

PET112L Protein (AA 115-595) (His tag)

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Overview

Quantity:	1 mg
Target:	PET112L (PET112)
Protein Characteristics:	AA 115-595
Origin:	Talaromyces stipitatus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PET112L protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	NSNVAL FDLAFPGSQP EFQAATLLPA LRAAIALNCE VQHTSRFDRK HYFYQDQPAG YQITQYYEPF ARNGFIKLYD YDGIAPEDGK FVRIDIKQMQ LEQDTAKSHE HPPSAHFLDF NRVSHPLIEI ITMPQIHSPA TAAACVRKIQ AILQATSAVT TGMELGGLRA DVNVSVRRRD APPGAGEYYG VRGLGQRTEI KNLSSFKAVE DAIIAERDRQ IRVLESGGTV EVETRGWSIG STETRKLRSK EGEVDYRYMP DPDLHPLFID DGLVSTLKEN LPTLPDQLLA MLVGPMYGLS LEDAKPLVEL DDGARLEYYQ DVFDVLQALH SDDRDAAKKG LGRTAANWVL HELGALHTKA EVAWHADRIP AQTLAELIDQ LIRKKITSSV AKQVLVMVFE GDQRPIQQLL EEENLLLRPL CREEYIALAN SLIEENPQMV AQIREKNQLG KIGWFVGQMV RQGEKGRVEA QRAEEILREL ILKRN
Specificity:	Talaromyces stipitatus (strain ATCC 10500 / CBS 375.48 / QM 6759 / NRRL 1006) (Penicillium stipitatum)
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:	PET112L (PET112)
Alternative Name:	Glutamyl-tRNA (Gln) amidotransferase subunit B, mitochondrial (PET112 Products)
Background:	Recommended name: Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial. Short name= Glu-AdT subunit B. EC= 6.3.5.-
UniProt:	B8M501

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.