antibodies

Datasheet for ABIN1632173 EARS2 Protein (AA 42-506) (His tag)



Overview

Quantity:	1 mg
Target:	EARS2
Protein Characteristics:	AA 42-506
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EARS2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	APSPTGFLH LGGLRTALYN YIFAKKYQGS FILRLEDTDQ TRFVPGAAEN IENMLEWAGI
	PPDESPRRGG PAGPYQQSQR LELYAQATEA LLKTGAAYPC FCSPQRLELL KKEALRNHQM
	PRYDNRCRNM SQEQVAQKLA KDPKPAIRFR LEQAAPAFED LVYGWNRHDV ASVEGDPVIM
	KSDGFPTYHL ACVVDDHHMG ISHVLRGSEW LISTAKHLLL YQALGWHPPH FAHLPLLLNR
	DGSKLSKRQG DIFLEHFAAE GFLPDSLLDI ITNCGSGFAE NQMGRTLPEL ITQFNLTRVT
	CHSALLDLEK LPEFNRLHLQ RLVNNESQRC QLVEKLQALV EEAFGSQLQN RDVLNPIYME
	RILLLRQGHI CRLQDLVSPV YSYLWTRPSV GRAQLDAISE EVDVIAKRVL GLLERSGMSL
	TQDMLSGELK KLSEGLEGTK HSNVMKLLRV ALSGQQALSS MFKVQG
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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.

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Product Details

Purity:

> 90 %

Target Details

Target:	EARS2
Alternative Name:	Probable glutamatetRNA ligase, mitochondrial (EARS2) (EARS2 Products)
Background:	Recommended name: Probable glutamatetRNA ligase, mitochondrial. EC= 6.1.1.17. Alternative name(s): Glutamyl-tRNA synthetase. Short name= GluRS
UniProt:	Q4R4F1

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

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

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