



[Go to Product page](#)

Datasheet for ABIN1639132 KAE1 Protein (AA 1-331) (His tag)

Overview

Quantity:	1 mg
Target:	KAE1
Protein Characteristics:	AA 1-331
Origin:	Encephalitozoon cuniculi
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KAE1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MIAMGLEGSA NKLGVGIMRD DEILANERLT YAPPPGEGFI PVKTAEHRS RILGLVAVSL EKAGVDLDDV DIFCYTKGPG MGLPLSVVAT VARTLSLYCN KPLVPVNHCI AHIEMGRFIT KASNPVILYA SGGNTQIIAY HNRRYKIFGE TLDIAVGNCI DRFARALKLP NFPAPGLSVE RYAKLGKNYI ELPYVVKGMD VSFSGILSNI KRKIAEDEQV KRDLCYSLQE TVFSALVEVT ERAMAFSSSK EVLIVGGVGC NLRLQEMMGI MARERGGVCY ATDERFCIDN GVMIAVVGML MAKSGAAFKL GECFVTQRYR TDSVEVTWRD Y
Specificity:	Encephalitozoon cuniculi (strain GB-M1) (Microsporidian parasite)
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.
Purity:	> 90 %

Target Details

Target:	KAE1
Alternative Name:	Probable tRNA threonylcarbamoyladenosine biosynthesis protein KAE1 (KAE1) (KAE1 Products)
Background:	Recommended name: Probable tRNA threonylcarbamoyladenosine biosynthesis protein KAE1. Alternative name(s): t(6)A37 threonylcarbamoyladenosine biosynthesis protein KAE1
UniProt:	Q8SQQ3

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 modiflicated 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.