Datasheet for ABIN1590885

ERAL1 Protein (AA 44-437) (His tag)

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Overview

Quantity:	1 mg
Target:	ERAL1
Protein Characteristics:	AA 44-437
Origin:	Panda
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERAL1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	VSCFAGA SFSGPRLASA SRHHGQSSAM DCFLGLSQPD GSLTSRPPGV SMHRDEQDLL LVHRPDMPEN PRVLRVVLLG APNAGKSTLS NQLLGRKVFP VSKKVHTTRC QALGVITEKE AQVILLDTPG LISPVKQKRH HLELSLLEDP WKSMESADLV VVLVDVSDKW TRNQLSPQVL QCLTQFSQVP SILVMNKVDC LKQKSVLLEL TAALTEGVVN GKKLKMRQAL RSQPGTPCPS PAVKGPNTQS VGGPQRIGWP HFQEIFMLSA LSQEDVKTLK QYLLAQARPG PWEFHSGVLT SQTPEEICAN IIREKLLEHL PQEMPYSVQQ RTVMWEEGPS GELVIEQKLL VPKKSHVRIL IGPKGHLISQ IAQEVSRDLM DIFLCDVRLR LSVKLLQ
Specificity:	Ailuropoda melanoleuca (Giant panda)
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.
Purity:	> 90 %

Target Details

Target:	ERAL1
Alternative Name:	GTPase Era, mitochondrial (ERAL1) (ERAL1 Products)
Background:	Recommended name: GTPase Era, mitochondrial. Alternative name(s): ERA-like protein 1
UniProt:	D2GU20
Pathways:	Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly

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.