

Datasheet for ABIN1610324

## Calsequestrin Protein (AA 23-420) (His tag)



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### Overview

Quantity:	1 mg
Target:	Calsequestrin (CASQ1)
Protein Characteristics:	AA 23-420
Origin:	Rana esculenta
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calsequestrin protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	EDGLDFPE YDGEDRVIHI SLKNYKAALK KYEVLALLYH EPIGDDKASQ RQFEMEELIL ELAAQVLEDK GVGFGGLVDSE DDAAVAKKLG LDEEDSIYVF KDDemieYDG EFSADTLVEF LLDVLEDPVE FIDGSHELAA FENLDDEPKL IGYFKNEDSE HYKAYEDAAE EFHPYIPFFA TFDKAVAKTL TLKLNEIDYY EPFHDEPITI PSKPNSEKEI VDFLHQHKRP TLRKLRPDSM YETWEDDLNG IHIVAF AEED DPDGYEFLQI IKEVAEDNTD NPDLSIIWID PEDFPLLIPY WEEKFGIDLS RPHIGVVNVT DADSVWMDMD DEEDLPTVDE LEDWIEDVLE GEVNTEDDDD DDDDDDDDDD DDDDDDDDDD DDDDDDDDDD DDDDDDDDDD
Specificity:	Rana esculenta (Edible frog) (Pelophylax esculentus)
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:	Calsequestrin (CASQ1)
Alternative Name:	Calsequestrin-1 ( <a href="#">CASQ1 Products</a> )
Background:	Recommended name: Calsequestrin-1. Alternative name(s): Calsequestrin, skeletal muscle isoform
UniProt:	<a href="#">P31231</a>

## 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 modified 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.