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Datasheet for ABIN1458858  
**CASQ2 Protein (AA 20-406) (His tag)**

Overview

Quantity:	1 mg
Target:	CASQ2
Protein Characteristics:	AA 20-406
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CASQ2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	E EGLNFPTYDG KDRVIDLNEK NYKHALKKYD MLCLLFHEPV SSDRVSQKQF QMTEMVLELA AQVLEPRSIG FGMVDSKKDA KLAKKLGLVE EGSLYVFKEE RLIEFDGELA TDVLVEFLLD LLEDPEVIN SKLELQAFDQ IDDEIKLIGY FKGEDSEHYK AFEEAAEHFQ PYVKFFATFD KGVAKKLGLK MNEVDYEPF MDEPVHIPDK PYTEEELVEF VKEHKRATLR KLRPEDMFET WEDDMEGIHI VAFAEEDDPD GFEFLEILKQ VARDNTDNPD LSIVWIDPDD FPLLITYWEK TFKIDLFRPQ IGIVNVTAD SVWMEIRDDD DLPTAELED WIEDVLSGKI NTEDDDDDDD DDDDDDDDDD DDDDDDDDDDD DDDDDDD
Specificity:	Gallus gallus (Chicken)
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

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Target:	CASQ2
Alternative Name:	Calsequestrin-2 (CASQ2) ( <a href="#">CASQ2 Products</a> )
Background:	Recommended name: Calsequestrin-2. Alternative name(s): Laminin-binding protein
UniProt:	<a href="#">P19204</a>
Pathways:	<a href="#">Negative Regulation of Transporter Activity</a>

## Application Details

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Comment:	<p>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.</p>
Restrictions:	For Research Use only

## Handling

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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.