Datasheet for ABIN1458858

CASQ2 Protein (AA 20-406) (His tag)

Go to Product page

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 LLEDPVEVIN SKLELQAFDQ IDDEIKLIGY FKGEDSEHYK AFEEAAEHFQ PYVKFFATFD KGVAKKLGLK MNEVDFYEPF MDEPVHIPDK PYTEEELVEF VKEHKRATLR KLRPEDMFET WEDDMEGIHI VAFAEEDDPD GFEFLEILKQ VARDNTDNPD LSIVWIDPDD FPLLITYWEK TFKIDLFRPQ IGIVNVTDAD SVWMEIRDDD DLPTAEELED WIEDVLSGKI NTEDDDDDDD DDDDDDDDDD DDDDDDDDDD DDDDDD
Specificity:	Gallus gallus (Chicken)
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:	CASQ2
Alternative Name:	Calsequestrin-2 (CASQ2) (CASQ2 Products)
Background:	Recommended name: Calsequestrin-2. Alternative name(s): Laminin-binding protein
UniProt:	P19204
Pathways:	Negative Regulation of Transporter Activity

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.