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Datasheet for ABIN1458756  
**CRYbB2 Protein (AA 2-219) (His tag)**

### Overview

Quantity:	1 mg
Target:	CRYbB2
Protein Characteristics:	AA 2-219
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRYbB2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	ASEHQMPAS KQPASPNI AFEQENFQGR CHELSGACPN LKDAGVDKVG SILVHSGPWV GYEQASCKGE QFVFEKGEYP RWDSWTNSRR SDSITSLRPI KVRAPRQPL PTRQTKDSQE HKIVLYENPS FTGKKIEIID DDVPSFHAHG YQEKVSSVRV QSGTWVGYQY PGYRGYQYLF EKGDYKDSSE FGAQHPQIQS VRRIRDMQWH QRGAYHPSN
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

Target:	CRYbB2
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## Target Details

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Alternative Name: Beta-crystallin B2 (CRYBB2) ([CRYbB2 Products](#))

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Background: Recommended name: Beta-crystallin B2.  
Alternative name(s): Beta-B2 crystallin Beta-crystallin Bp

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UniProt: [Q05714](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Concentration: 0.2-2 mg/mL

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Buffer: Tris-based buffer, 50 % glycerol

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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