



[Go to Product page](#)

Datasheet for ABIN1461102  
**CRYZ Protein (AA 2-330) (His tag)**

### Overview

Quantity:	1 mg
Target:	CRYZ
Protein Characteristics:	AA 2-330
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRYZ protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	ATGQKLMRA IRVFEFGGPE VLKLSQDVAV PIPKDHQVLI KVQACGVNPV DTYIRSGTHN IKPLLPTYTPG FDVAGIIEAV GESVSAFKKG DRVFTTRTIS GGYAEYALAA DHTVYTLPEK LDFKQGAAIG IPYFTAYRAL LHSACVKPGE SVLVHGASGG VGIAACQIAR AYGLKVLGTA STEEGQKIVL ENGAHKVFNH KEADYIDKIK KSVGEGVDV IIEMLANVNL SNDLNLLSHG GRVIVGSRG TIEINPRDTM TKESSIKGVT LFSSTKEEFQ QFAAALQAGM EIGWLRPVIG PQYLLEKATQ AHENIIHSSG ATGKMILLN
Specificity:	Bos taurus (Bovine)
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:	CRYZ
Alternative Name:	Zeta-crystallin (CRYZ) ( <a href="#">CRYZ Products</a> )
Background:	Recommended name: Zeta-crystallin
UniProt:	<a href="#">097764</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 modiflicated 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.