

Datasheet for ABIN7590896  
**CRY2 Protein (AA 1-594) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CRY2
Protein Characteristics:	AA 1-594
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRY2 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MAAAAVVAAT VPVQSMGADG ASSVHWFRKG LRLHDNPALL AAVRGARCVR CVYILDPWFA ASSSVGINRW RFLQSLLEDL DTSRLKLNRS LFVVRGQPAD VFPRLFKEWG VTRLTFEYDS EPFGKERDAA IMKMAKEAGV EVTENSHTL YDLDRIIELN GQKPPLTYKR FQALISRMEL PKKPVGAVSS QHMENCRAEI QENHDDTYGV PSLEELGFPT EGLGPAVWQG GETEALVRDL KHLERKAWVA NYERPRMNAN SLLASPTGLS PYLRFGLSC RLFYYRLWDL YRKVKRNSTP PLSLFGQLLW REFFYTAATN NPRFDRMEGN PICIQIPWDR NPEALAKWAE GKTGFPWIDA IMTQLRQEGW IHHLARHAVA CFLTRGDLWW SWESGVRVFD ELLLDADFSV NAGSWMWLSC SAFFQQFFHC YCPVGFGRRRT DPSGDYIRRY LPKLKGFPSR YIYEPWNAPE SVQKAANCII GVDYPRPIVN HAETSRLNIE RMKQIYQQLS RYRGLCLWAS VPSCVEDLSH PVAEPGSSQA GSIINTGPRP LSSGPASPKR KLEAAEPPG EELSKRARVT VTQMPAQEPP SKDS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: CRY2

Alternative Name: Cryptochrome-2 (Cry2) ([CRY2 Products](#))

Background: Recommended name: Cryptochrome-2

UniProt: [Q923I8](#)

Pathways: [Response to Water Deprivation](#), [Protein targeting to Nucleus](#)

## 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 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.

**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.