

Datasheet for ABIN1656316

Cryptochrome (CRY) (AA 1-499) protein (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cryptochrome (CRY)
Protein Characteristics:	AA 1-499
Origin:	Mosquito
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	<p>MTDKVRNRVQ CWPALAEQSS CVDFIPARQG ATCGSTVVFI PCCGLTRGRR VLCQWFPCLS</p> <p>GGCCSQESSC VDFIPARQGA TCGSTVVFI CCGLTRGRRV LCQWFPCLSG GCCSQHTVNI</p> <p>IGEPPRPVGA PSFEFVEFGR LPSILSTELK LFQRAPVPED FGIYYEGNAD IARQRWTGGE</p> <p>AKALELLGRR LKQEEAFRE GYYLPTQARP DFLAPPSSMS AALRFGCLSV RMFYWCVHDL</p> <p>FARVQANNQL KHPGGHHITG QLIWREYFYT MSVHNPHYAV MELNPICLNI PWYEAKDDSL</p> <p>DRWKEGRTGF PLIDAAMRQL MAEGWLHHIL RNITATFLTR GGLWISWEAG VQHFLKYLDD</p> <p>ADWSVCAGNW MWVSSSAFEK LLDSSSCTSP VALARRLDPK GEYVKRYLPE LEKFPALYVH</p> <p>EPWKAPPELQ EQYGCVIGKD YPAPMVNLAE VNKCANKMN AIRQKLLDQG GSTPAHCRPS</p> <p>DMDEVQRQFFW LPEDVAAES</p>
Specificity:	Culex quinquefasciatus (Southern house mosquito) (Culex pungens)
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.

Product Details

Purity: > 90 %

Target Details

Target:	Cryptochrome (CRY)
Alternative Name:	Cryptochrome-1 (cry) (CRY Products)
Background:	Recommended name: Cryptochrome-1
UniProt:	B0WRR9

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.