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Datasheet for ABIN1641280 CRY2 Protein (AA 1-594) (His tag)



Overview

Quantity:	1 mg
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 RFLLQSLEDL DTSLRKLNSR LFVVRGQPAD VFPRLFKEWG VTRLTFEYDS
	EPFGKERDAA IMKMAKEAGV EVVTENSHTL YDLDRIIELN GQKPPLTYKR FQALISRMEL
	PKKPVGAVSS QHMENCRAEI QENHDDTYGV PSLEELGFPT EGLGPAVWQG GETEALVRLD
	KHLERKAWVA NYERPRMNAN SLLASPTGLS PYLRFGCLSC RLFYYRLWDL YRKVKRNSTP
	PLSLFGQLLW REFFYTAATN NPRFDRMEGN PICIQIPWDR NPEALAKWAE GKTGFPWIDA
	IMTQLRQEGW IHHLARHAVA CFLTRGDLWV SWESGVRVFD ELLLDADFSV NAGSWMWLSC
	SAFFQQFFHC YCPVGFGRRT DPSGDYIRRY LPKLKGFPSR YIYEPWNAPE SVQKAANCII
	GVDYPRPIVN HAETSRLNIE RMKQIYQQLS RYRGLCLWAS VPSCVEDLSH PVAEPGSSQA
	GSISNTGPRP LSSGPASPKR KLEAAEEPPG EELSKRARVT VTQMPAQEPP SKDS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

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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:	Q92318
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 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

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.

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