Datasheet for ABIN1626365

CRY1 Protein (AA 1-588) (His tag)

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Overview

Quantity:	1 mg
Target:	CRY1
Protein Characteristics:	AA 1-588
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRY1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGVNAVHWFR KGLRLHDNPA LKECIQGADT IRCVYILDPW FAGSSNVGIN RWRFLLQCLE DLDANLRKLN SRLFVIRGQP ADVFPRLFKE WNITKLSIEY DSEPFGKERD AAIKKLATEA GVEVIVRISH TLYDLDKIIE LNGGQPPLTY KRFQTLVSKM EPLEMPADTI TSDVIGKCTT PLSDDHDEKY GVPSLEELGF DTDGLSSAVW PGGETEALTR LERHLERKAW VANFERPRMN ANSLLASPTG LSPYLRFGCL SCRLFYFKLT DLYKKVKKNS SPPLSLYGQL LWREFFYTAA TNNPRFDKME GNPICVQIPW DKNPEALAKW AEGRTGFPWI DAIMTQLRQE GWIHHLARHA VACFLTRGDL WISWEEGMKV FEELLLDADW SINAGSWMWL SCSSFFQQFF HCYCPVGFGR RTDPNGDYIR RYLPVLRGFP AKYIYDPWNA PEGIQKVAKC LIGVNYPKPM VNHAEASRLN IERMKQIYQQ LSRYRGLGLL ASVPSNPNGN GGLMGYAPGE NVPSGGSGGG NCSQGSGILH YAHGDSQQTN PLKQGRSSMG TGLSSGKRPS QEEDAQSVGP KVQRQSSN
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	CRY1
Alternative Name:	Cryptochrome-1 (Cry1) (CRY1 Products)
Background:	Recommended name: Cryptochrome-1
UniProt:	Q32Q86
Pathways:	Response to Water Deprivation, Proton Transport

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
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.