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Datasheet for ABIN1649002 CRX Protein (AA 1-290) (His tag)



Overview	
Quantity:	1 mg
Target:	CRX
Protein Characteristics:	AA 1-290
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRX protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MMSYIKQPHY AVNGLTLAGT GMDLLHSAVG YPTNPRKQRR ERTTFTRAQL DILESLFAKT RYPDIFMREE VALKINLPES RVQVWFKNRR AKCRQQQQQS TGQAKPRPAK KKTSPARETN SEASTNGQYS PPPPGTAVTP SSSASATVSI WSPASISPIP DPLSAVTNPC MQRSTGYPMT YSQAPAYTQS YGGSSSYFTG LDCGSYLSPM HPQLSAPGAT LSPIATPTMG SHLSQSPASL SAQGYGAASL GFTSVDCLDY KDQTASWKLN FNATDCLDYK DQSSWKFQVL
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

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Target Details

Target:	CRX
Alternative Name:	Homeobox protein otx5-B (otx5-b) (CRX Products)
Background:	Recommended name: Homeobox protein otx5-B. Alternative name(s): Orthodenticle homolog 5-B XOtx5b
UniProt:	Q9PT61

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.

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