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Datasheet for ABIN1628113
CRTC2 Protein (AA 2-691) (His tag)

Overview

Quantity:	1 mg
Target:	CRTC2
Protein Characteristics:	AA 2-691
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRTC2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: ATSGANGPG SATASASNPR KFSEKIALQK QRQAEETA AF EEVMMDIGST RLQAQKLRLA
 YTRSSHYGGS LPNVNQIGCG LAEFQSPLHS PLDSSRSTRH HGLVERVQRD PRRMVSP LRR
 YPRHIDSSPY SPAYLSPPPPE SGWRRMMPWG NLP A EKGQLF RLPSALNRTS SDSALHTSVM
 NPNPQDTYPG PTPPSVLPSR RGGFLDGEMD AKVPAIEENL VDDKHLLKPW DAKKLSSSSS
 RPRSCEVPGI NIFSPDQPA NVPVLPPAMS TGGSLPDLTN LHFPPLPTP LDPEETVYPS
 LSGGNSTTNL THTMTHLGIS GGLGLGPSYD VPGLHSPLSH PSLQSSLSNP NLQASLSSPQ
 PQLQGSHSHP SLPASSLAHH ALPTTSLGHP SLSAPALSSS SSSSSTSSPV LSAPPYPAST
 PGASPRHRRV PLSPLSLPAG PADARRSQQQ LPKQFSPTMS PTLSSITQGV PLDTSKLPTD
 QRLPPYPYSP PSLVIPSHPP TPKSLQQLPS QACLVQPSGG QPPGRQPHYG TLYPPGSSGH
 GQQPYHRPIN DFSLGNLEQF NMESPSTSLV LDPPAFSEGP GFLGSEGSVS GPQDSHVLNH
 QNLTHCSRHG SGPNIILTGD SSPGFSKEIA AALAGVPGFE VSASGLELGL GLEDEL RMEP
 LGLEGLTMLS DPCALLPDPA VEDSFRSDRL Q

Product Details

Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	CRTC2
Alternative Name:	CREB-regulated transcription coactivator 2 (Crtc2) (CRTC2 Products)
Background:	Recommended name: CREB-regulated transcription coactivator 2. Alternative name(s): Transducer of regulated cAMP response element-binding protein 2. Short name= TORC-2. Short name= Transducer of CREB protein 2
UniProt:	Q3LRZ1
Pathways:	AMPK Signaling , Carbohydrate Homeostasis

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 modified 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

Handling

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.