

Datasheet for ABIN1620272
CRTC1 Protein (AA 1-630) (His tag)



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Overview

Quantity:	1 mg
Target:	CRTC1
Protein Characteristics:	AA 1-630
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRTC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MATSNNPRKF SEKIALHNQK QAEETAAFEE VMKDLSLTRA ARLQLQKSQY LQLGPSRGQY
YGGSLPNVNQ IGSSSMDLSF QTPFQSSGLD TSRTTRHHGL VDRVYRERGR LGSPHRRPLS
VDKHGRQADS CPYGTVYLSP PADTSWRRTN SDSALHQSTM TPTQAESFTG GPQDAHQKRV
LLLTVPGMEE TGSETDKTLS KQSWDSKKAG SRPKSCEVPG INIFPSADQE NTAALIPATH
NTGGSLPDLS TIHFPSPLPT PLDPEEPPFP ALTSSGSTGS LAHLGVGGTG QGMNTPSSSP
QRRPAVVSPL SLSTEARRQQ AQQVPTLSP LSPITQAVAM DALSLEQLP YAFFTQAGSQ
QPPPQPQPP PPPVVSQQP PPPQVSVGLP QGGPLLPSAS LTRGPQLPPL AVTVPSTLPQ
SPTESPGQPP MGIDVTSAPA LQYRTGAGSP ATQSPTSPVS NQGFSPGSSP QHTSTLGSVF
GDAYYEQMT ARQANALSRQ LEQFNMMENA ISSSLYNPG STLNYSQAAM MGLSGSHGGL
QDPQQLGYAG HGGIPNIILT VTGESPPSL S KELSSTLAGV SDVSFSDSHQ FPLDELKIDP
LTLDGLHMLN DPDMVLADPA TEDTFRMDRL

Specificity: Rattus norvegicus (Rat)

Product Details

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: CRTC1

Alternative Name: CREB-regulated transcription coactivator 1 (Crtc1) ([CRTC1 Products](#))

Background: Recommended name: CREB-regulated transcription coactivator 1.
Alternative name(s): Mucoepidermoid carcinoma translocated protein 1 homolog Transducer of regulated cAMP response element-binding protein 1.
Short name= TORC-1.
Short name= Transducer of CREB protein 1

UniProt: [Q157S1](#)

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

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.