Datasheet for ABIN1474168

CREB1 Protein (AA 1-341) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	CREB1
Protein Characteristics:	AA 1-341
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CREB1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTMDSGADNQ QSGDAAVTEA ESQQMTVQAQ PQIATLAQVS MPAAHATSSA PTVTLVQLPN GQTVQVHGVI QAAQPSVIQS PQVQTVQSSC KDLKRLFSGT QISTIAESED SQESVDSVTD SQKRREILSR RPSYRKILND LSSDAPGVPR IEEEKSEEET SAPAITTVTV PTPIYQTSSG QYIAITQGGA IQLANNGTDG VQGLQTLTMT NAAATQPGTT ILQYAQTTDG QQILVPSNQV VVQAASGDVQ TYQIRTAPTS TIAPGVVMAS SPALPTQPAE EAARKREVRL MKNREAAREC RRKKKEYVKC LENRVAVLEN QNKTLIEELK ALKDLYCHKS D
Specificity:	Rattus norvegicus (Rat)
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 %

Target Details

Target:	CREB1
Alternative Name:	Cyclic AMP-responsive element-binding protein 1 (Creb1) (CREB1 Products)
Background:	Recommended name: Cyclic AMP-responsive element-binding protein 1. Short name= CREB-1. Short name= cAMP-responsive element-binding protein 1
UniProt:	P15337
Pathways:	TLR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Thyroid Hormone Synthesis, Activation of Innate immune Response, Myometrial Relaxation and Contraction, Regulation of Cell Size, Toll-Like Receptors Cascades, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma, Positive Regulation of fat Cell Differentiation

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

Handling

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