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Datasheet for ABIN1614480

CoREST Protein (AA 1-431) (His tag)

Overview

Quantity:	1 mg
Target:	CoREST (RCOR1)
Protein Characteristics:	AA 1-431
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CoREST protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p> MIEKGAEISG KRRGRNNAAN SKSLGTNVNG SNSWEEGSSS SSSDDEPGGG GMRVGLQYQA VVPEFDQEVA KNCQERENLG MLVWSPNQNI SEAKLDEYIS VAKEKHGYNM EQALGMLFWH KHNIEKSLAD LLNFTFPFDE WTVEDRVLFE QAFSFHGKTF HRIQQMLPDK SIASLVKFYY SWKKTRSKTS VMDRHARKQK REREGSGDEI EETNGANPVD IEIEQPKEAK KEVPKNDTVP HIKKEKHPSQ AKNRAKRKPP NGMFLSQEDV EAVSANANAA TTVLRQLDME LVSIRKRIQN IKQTNSAFKE KLQGGIEDYR IQEVSQKFNA RWTTEEQLLA VQAI RMYGRD FQAISDVIGN KSVVQVKNFF VNYRRRFNID QVLQEWAEH GKTEENGDC T EKAVKLPETA IKMSDEEEEA SLLDITYPSA S </p>
Specificity:	Xenopus laevis (African clawed frog)
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.

Product Details

Purity: > 90 %

Target Details

Target: CoREST (RCOR1)

Abstract: [RCOR1 Products](#)

Background: Recommended name: REST corepressor 1.
Alternative name(s): Protein CoREST.
Short name= xCoREST

UniProt: [Q90WN5](#)

Pathways: [Regulation of Hormone Metabolic Process](#), [Chromatin Binding](#)

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 modiflicated 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.