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Datasheet for ABIN1676657

## ORC2 Protein (AA 1-576) (His tag)

### Overview

Quantity:	1 mg
Target:	ORC2
Protein Characteristics:	AA 1-576
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ORC2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MSTLRLKEAK VPSVQFVGDD DVLSHILDRE GGTKLKKEKV QLLVNPQKVI KKAECELEKS</p> <p>DLEVLEDQNY VEVLGRNIQE SLGNGSAVDG RNKVVSFQHR KHPEEMTKLA LELAKTSGKI</p> <p>DPLASNDPKI TKNIARKSKG HSSEKAPLEN NKNNEFPSIQ PHNVRKRLIA SRSHCDSESE</p> <p>YSASSSEDDE EVAKDDEEDT NVVRCSKKSQ GQNRLLPAPV SKEILPKKRK RDKAGDLVEE</p> <p>YFEAHSSSKV LTSRDLQKL RRARVDQKTL RNLLSKFVPS FSTEIGQLNQ QHERLFDKWI</p> <p>LQLRLGFNIV LYGLGSKRDL LEKFRTTMLQ DSIHVINGF FPGISVKSIL NSITEDVLSH</p> <p>MGTFQSVLDQ RDWIMNRFKE DSSLELFLLI HNLDSQLRG DNSQQILGQL SSLRNVYLIA</p> <p>SIDHLNAPLM WDHAKQSLYN WLWYETTTYS PYTEETSYEN SLLVKQSGSL PLSSLIHVLR</p> <p>SLTPNARGIF RLLMKYQLDN QDCPSYIGLS FQDFYQQCRE AFLVNSDLTL RAQLTEFRDH</p> <p>KLIRTKKGTG GVEYLLIPVD SGTLADFLEK EEEEEES</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: ORC2

Abstract: [ORC2 Products](#)

Background: Recommended name: Origin recognition complex subunit 2

UniProt: [Q75PQ8](#)

## 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 one week

Storage: -20 °C

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