

Datasheet for ABIN7589772

## ORC3 Protein (AA 1-711) (His tag)



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### Overview

Quantity:	100 µg
Target:	ORC3
Protein Characteristics:	AA 1-711
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ORC3 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MATSSVSKGC FVFKPDFKKR KISVPIEDYF NNEELDSEDS KLRFETYRLL WQRIKSETEQ</p> <p>LQEGLNENLF DNLVDFLQKS HSEFQKNSGN WGSQMRLREI PTAALILGVN VTDHDFVFRS</p> <p>LTETLHNNVT PYVVSLLQAKD CPDVKHFLQK LTSELIDCCV DRNSKEEKND KALRRTSYSM</p> <p>DSLSSWYSTV AQKTGPKMTS KKRATCSQWQ SPPVVLILKN MESFSTKVLQ DFIISSQHL</p> <p>HEFPLILIFG IATSPVIIHR LLPHSVSSLL CIELFQSLSC KEHLTVVLDK LLLTPQFPFK LSKKALQVLT</p> <p>NIFLYHDFSI QNFIKGLKLS LLEHFYSQPL SVLCCDLSEA KKRINVSFSVN QCEKIRRLPS</p> <p>FRRYVENQPL EKQVALLTNE TFLKEETQSL LEDLHVYHIN YFLVLRCLHN FTSSLPKYPL</p> <p>GRQIRELYCT CLEKKIWDSE EYESALQLLR Mlakdelmgi LEQCVKVLNS STEKQLSNTA</p> <p>QKIKGFLTQF QNLDDSKEEE DACGSQPKGL QKTDLYHLQK SLLEMKELRR TTKKPTKFEM</p> <p>LRENVINFID NLVRDYLLPP EGQPLHEVVY FSAANTLREH LNAAPRIALH TALNNPYYYY</p> <p>KNEALKSEEG CIPSVAPDIC IAYKLHLECS RLINLVDWSE AFATVVTAAE KMDTNSTVSE</p> <p>EMSEIIHARF IRVSELELL GFIKPTKQKT DHVARLTWGG C</p>
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## 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:	ORC3
Alternative Name:	Origin recognition complex subunit 3 (Orc3) ( <a href="#">ORC3 Products</a> )
Background:	Recommended name: Origin recognition complex subunit 3
UniProt:	<a href="#">Q4R180</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Feeding Behaviour</a> , <a href="#">Synthesis of DNA</a>

## 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

Handling

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