Datasheet for ABIN7586983

CLB1 Protein (AA 1-471) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	CLB1
Protein Characteristics:	AA 1-471
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLB1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSRSLLVENS RTINSNEEKG VNESQYILQK RNVPRTILGN VTNNANILQE ISMNRKIGMK NFSKLNNFFP LKDDVSRADD FTSSFNDSRQ GVKQEVLNNK ENIPEYGYSE QEKQQCSNDD SFHTNSTALS CNRLIYSENK SISTQMEWQK KIMREDSKKK RPISTLVEQD DQKKFKLHEL TTEEEVLEEY EWDDLDEEDC DDPLMVSEEV NDIFDYLHHL EIITLPNKAN LYKHKNIKQN RDILVNWIIK IHNKFGLLPE TLYLAINIMD RFLCEEVVQL NRLQLVGTSC LFIASKYEEI YSPSIKHFAY ETDGACSVED IKEGERFILE KLDFQISFAN PMNFLRRISK ADDYDIQSRT LAKFLMEISI VDFKFIGILP SLCASAAMFL SRKMLGKGTW DGNLIHYSGG YTKAKLYPVC QLLMDYLVGS TIHDEFLKKY QSRRFLKASI ISIEWALKVR KNGYDIMTLH E
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	CLB1
Abstract:	CLB1 Products
Background:	Recommended name: G2/mitotic-specific cyclin-1
UniProt:	P24868

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