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Datasheet for ABIN1477628

Cyclin E1 Protein (CCNE1) (AA 1-408) (His tag)

Overview

Quantity:	1 mg
Target:	Cyclin E1 (CCNE1)
Protein Characteristics:	AA 1-408
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin E1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPVISNPAVE KSTKDEGTAS CSVRSRKRKA DVAIFLQDPD ETLDSLEMTK KKQYQDRGPW SNEMTCKSPH KLIPTPEKEE HEPNPTNYSH FASLRFSPVS VSPLPRLGWA NQDDVWRNML NKDRIYLRDK NFFQKHPQLQ PNMRAILLDW LMEVCEVYKL HRET FYLAQD FFDRF MATQK NVIKSRLQLI GITS LFIAAK LEEIYPPKLH QFSFITDGAC TEDEITRMEL IIMKDLGWCL SPMTIVSWFN VFLQVAYIRE LQQFLRPQFP QEIIYQIVQL LDLCVLDICC LEYPYGVLA A SAMYHFSCPE LVEKVSGFKV TELQGCIKWL VPFAMAIKEG GKSKLNFFKG VDIEDAHNIQ THSGCLELME KVINQALLE EQNRTSPIPT GVLTPPQSNK KQKSDRAD
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.
Purity:	> 90 %

Target Details

Target:	Cyclin E1 (CCNE1)
Alternative Name:	G1/S-specific cyclin-E1 (cyce1) (CCNE1 Products)
Background:	Recommended name: G1/S-specific cyclin-E1
UniProt:	P50756
Pathways:	Cell Division Cycle , Intracellular Steroid Hormone Receptor Signaling Pathway , Nuclear Hormone Receptor Binding , Mitotic G1-G1/S Phases

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.