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Datasheet for ABIN1476140 CDK11 Protein (AA 1-436) (His tag)

Overview

Quantity:	1 mg
Target:	CDK11 (CDK11B)
Protein Characteristics:	AA 1-436
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK11 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MKSEKSRTTS WLFQSHEVTE ILGRVKKNRK KLVKGLHRAG PPPEKNYLPD SPALSPIELK</p> <p>QELPKYLPAL QGCRSVEEFQ CLNRIEEGTY GVVYRAKDKK TDEIVALKRL KMEKEKEGFP</p> <p>LTSIREINTI LKAQHPNIVT VREIVVGSNM DKIIYVMNYV EHDLKSLMET MKQPFLPGEV</p> <p>KTLMIQLLSG VKHLHDNWIL HRDLKTSNLL LTHAGILKVG DFGLAREYGS PLKAYTPVVV</p> <p>TLWYRAPELL LGAKEYSTAC DMWSVGCIFG ELLTQKPLFP GKSDIDQINK IFKDIGTPSE</p> <p>KIWPGYSELP AVKKMTFSEL PYNNLRKRFG ALLSDQGFDL MNKFLTYYPG RRINAEDGLK</p> <p>HEYFRETPLP IDPSMFPTWP AKSEQQCVRK GTSPKPPEGG LGYSQLGDDD LKETGFHLTT</p> <p>TNDGAVSCRW WCSLLF</p>
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.

Product Details

Purity: > 90 %

Target Details

Target: CDK11 (CDK11B)

Abstract: [CDK11B Products](#)

Background: Recommended name: Cyclin-dependent kinase 11B.
Alternative name(s): Cell division cycle 2-like protein kinase 1 Cell division protein kinase 11
Cyclin-dependent kinase 11.
EC= 2.7.11.22 Galactosyltransferase-associated protein kinase p58/GTA PITSLRE
serine/threonine-protein kinase CDC2L1

UniProt: [P46892](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha, M Phase](#)

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

Storage: -20 °C

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