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Datasheet for ABIN1632127  
**DCLK2 Protein (AA 1-767) (His tag)**

### Overview

Quantity:	1 mg
Target:	DCLK2
Protein Characteristics:	AA 1-767
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCLK2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence: MASTRSIELE HFEERDKRPR PGSRRGAPSS SGGSSISGPK GNGLIPSPAH SAHCSFYRTR  
TLQALSSEKK AKKARFYRNG DRYFKGLVFA ISSDRFRSFD ALLIELTRSL SDNVNLPQGV  
RTIYTVDGSR KVTSLDELLE GESYVCASNE PFRKVDYTKN VNPNWSVNIK GGTTRTLAVA  
SAKSEVKESK DFIKPKLVTV IRSGVKPRKA VRILLNKKTA HSFEQVLTDI TEAIKLDSGV  
VKRLCTLDGK QVTCLQDFFG DDDVFIACGP EKYRYAQDDF VLDHSECRVL KSSYSRASAA  
KYSGRSPGL SRRSKSPASV KRAGHSSAYS TAKSPVNGTP SSQLSTPKST KSSSSSPTSP  
GSFRGLKQIS AQGRSSSNVN GGPELDRCMS PEGVNGNRCS ESFTLLEKYR IGKVIKVDGNF  
AVVKECMDRS TGKEFALKII DKAKCCGKEH LIENEVSILR RVKHPNIIML VEEMETTTEL  
FLVMELVKGG DLFDAITSST KYTERDGSAM VYNLASALRY LHGLSIVHRD IKPENLLVCE  
YPDGTKSLKL GDFGLATVVE GPLYTVCGTP TYVAPEIIAE TGYGLKVDVW AAGVITYILL  
CGFPPFRSEN NLQEDLFDQI LAGKLEFPAP YWDNITDSAK ELISQMLQVN VEARCTAGEI  
LSHPWVSDDA SQENNMQAEV TGKLGKQHFNN ALPKQNSTTT GSVIMNTAL DKEGQVFCCK

## Product Details

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HCRDSSKSSR EQTSAREAPP PPESPRPPGP PATSGCDPAG TWRRHRD

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

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Target: DCLK2

Alternative Name: Serine/threonine-protein kinase DCLK2 (Dclk2) ([DCLK2 Products](#))

Background: Recommended name: Serine/threonine-protein kinase DCLK2.  
EC= 2.7.11.1.  
Alternative name(s): CaMK-like CREB regulatory kinase 2.  
Short name= CL2.  
Short name= CLICK-II.  
Short name= CLICK2 Doublecortin-like and CAM kinase-like 2 Doublecortin-like kinase 2

UniProt: [Q5MPA9](#)

## Application Details

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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

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Format: Lyophilized

## Handling

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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.