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Datasheet for ABIN1632784  
**DYRK3 Protein (AA 1-586) (His tag)**

## Overview

Quantity:	1 mg
Target:	DYRK3
Protein Characteristics:	AA 1-586
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DYRK3 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MGGAARERGR KDAALPGAGL PPQRRRLGDG VYDTFMMIDE TKCPPTNTL CNPSEAPVSR</p> <p>RLNITTEPFT RGHTQHFVSG GVMKVEQLFQ EFGSRRTSTL QSDGVSNSEK SSPASQ GKSS</p> <p>DSLGTVKCSL SSRPSKVLPL TPEQALKQYK HHLTAYEKLE IISYPEIYFV GPNAKKRQGV</p> <p>IGGPNNGGYD DADGAYIHVP RDHLAYRYEV LKIIGKGSFG QVARVYDHLK RQYVALKMVR</p> <p>NEKRFHRQAA EEIRILEHLK KQDKTGSMNV IHMLESFTFR NHVCMFAELL SIDLYELIKK</p> <p>NKFQGFVSQ LVRKFAQSILQ SLDALHKNKI IHCDLKPENI LLKHHGRSAT KVIDFGSSCF</p> <p>EYQKLYTYIQ SRFYRAPEII LGCRYSTPID IWSFGCILAE LLTGQPLFPG EDEGDQLACM</p> <p>MELLMGPPQK LLEQSKRAKY FINSKGLPRY CSVTTQTDGR VVLLGGRSRR GKKRGPPGSK</p> <p>DWAAALKGCD DYLFIEFLKR CLQWDPSARL TPAQALRHPW ISKSAPRPLT TDKVSGKRNV</p> <p>NPTNAFQGLG SKLPPVVGIA SKLKANLMSE TSGSIPLCSV LPKLIS</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: DYRK3

Alternative Name: Dual specificity tyrosine-phosphorylation-regulated kinase 3 (Dyrk3) ([DYRK3 Products](#))

Background: Recommended name: Dual specificity tyrosine-phosphorylation-regulated kinase 3.  
EC= 2.7.12.1

UniProt: [Q4V8A3](#)

Pathways: [Negative Regulation of Hormone Secretion](#), [Regulation of Lipid Metabolism by PPARalpha](#)

## 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 modiflicated 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

## Handling

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