Datasheet for ABIN7590111

DYRK3 Protein (AA 1-586) (His tag)

Go to Product page

Overview

Quantity:	100 µg
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:	MGGAARERGR KDAALPGAGL PPQQRRLGDG VYDTFMMIDE TKCPPYTNTL CNPSEAPVSR RLNITTEPFT RGHTQHFVSG GVMKVEQLFQ EFGSRRTSTL QSDGVSNSEK SSPASQGKSS DSLGTVKCSL SSRPSKVLPL TPEQALKQYK HHLTAYEKLE IISYPEIYFV GPNAKKRQGV IGGPNNGGYD DADGAYIHVP RDHLAYRYEV LKIIGKGSFG QVARVYDHKL RQYVALKMVR NEKRFHRQAA EEIRILEHLK KQDKTGSMNV IHMLESFTFR NHVCMAFELL SIDLYELIKK NKFQGFSVQL VRKFAQSILQ SLDALHKNKI IHCDLKPENI LLKHHGRSAT KVIDFGSSCF EYQKLYTYIQ SRFYRAPEII LGCRYSTPID IWSFGCILAE LLTGQPLFPG EDEGDQLACM MELLGMPPQK LLEQSKRAKY FINSKGLPRY CSVTTQTDGR VVLLGGRSRR GKKRGPPGSK DWAAALKGCD DYLFIEFLKR CLQWDPSARL TPAQALRHPW ISKSAPRPLT TDKVSGKRVV NPTNAFQGLG SKLPPVVGIA SKLKANLMSE TSGSIPLCSV LPKLIS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

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 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

Handling

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

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