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Datasheet for ABIN1678274 VRK1 Protein (AA 1-425) (His tag)



Overview

Quantity:	1 mg
Target:	VRK1
Protein Characteristics:	AA 1-425
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This VRK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPPKKADGVK KARAPAKRKL AEEFPSGEVL TDNAKKKWKL GSAVGQGGFG LLYLANEDSS
	GPVTADAPYV IKVEPSDNGP LFSELKFYMR AAKPDLIGAW MKSKKMEYLG VPKYWGSGFH
	EKNGKRYRFM VMDRFGTDLQ KLFEGNGKKF SRKLVLQLGL RLLDILEYIH DHEYVHADIK
	ASNLLLSYTN PNQVFLVDYG LAYRYAPEGV PKEYKEDPKR CHDGTIEFTS IDAHKGVSPS
	RRADLEIMGY CMIQWLCSRL PWEDKLQDPL YVRDSKLRCR DNIDEFLKSC FASGNIPAEM
	GKFMQEVKVL GYTDRPDYDK LRGILQQGLK SIGSTDDKKL DFGVATNSTS LPSVKTPKRK
	KAEEKGQSAD ETDSTPAKKR RAPQKKEVNG AKKTASPAKR PVKKETQASS EPAVKKSRGR
	PKKNS
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.

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Product Details

Purity:

> 90 %

Target Details

Target:	VRK1
Alternative Name:	Serine/threonine-protein kinase VRK1 (vrk1) (VRK1 Products)
Background:	Recommended name: Serine/threonine-protein kinase VRK1. EC= 2.7.11.1. Alternative name(s): Vaccinia-related kinase 1
UniProt:	Q7ZUS1

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

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