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Datasheet for ABIN1474721 DGKA Protein (AA 1-727) (His tag)

Overview

Quantity:	1 mg
Target:	DGKA
Protein Characteristics:	AA 1-727
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DGKA protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAKDKGLISP EDFAQLQKYI DYSTKSVSDV LKVFEMNKYC QGDEIGYLG F EQFLKMYLEV</p> <p>EEVPHHLCWT LFWSFHSSQD LDEETESKAN VICLSDVYCY FTLLEGGSP E DKLEFTFKLY</p> <p>DMDRNGILDS TEVEKIILQM MRVAEYLDWD VSELRPILQE MMKEMDRDGS GCVSLAEWVR</p> <p>AGATTVP LLV LLGIDMTMKD DGHHIWRPKR FSRPVYCNLC ELSIGLGKQG LSCNLCKYIV</p> <p>HDHCAMKAQP CEVSTYAKSR KDIGVQPHVW VRGGCHSGRC DRCQKKIRTY HSLTGLHCVV</p> <p>CHLEIHDDCL QAVGPECDCG LLRDHILPPC SIYPRVLVSG QECKQKTTDV TSLCTPEAFR</p> <p>IEPVSNTHPL LVFINPKSGG KQGQSVLWKF QYILNPRQVF NLKDGPEPGL RFFKDVPQFR</p> <p>VLVCGGDGTV GWILETIDKA NFPIVPPVAV LPLGTGNDLA RCLRWGRGYE GENLRKILKD</p> <p>IEISKVVYLD RWLLEVIPQQ NGEKSDPVPS QIINNYFSIG VDASIAHRFH LMREKYPEKF</p> <p>NSRMKNKLWY LEFATSESI F STCKKLEESV TVEICGKLLD LSDLSLEGIA VLNIPSMHGG</p> <p>SNLWGDTKRP HGDTGGINQA LGSVAKIITD PDILKTCVPD MSDKRLEVVG IEGVIEMGQI</p> <p>YTRLKSAGHR LAKCSEITFQ TTKTLPMQVD GEPWMQAPCT IKITHKNQMP MLMGPAPSSS</p>
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Product Details

	NFFGFWS
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

Target:	DGKA
Alternative Name:	Diacylglycerol kinase alpha (Dgka) (DGKA Products)
Background:	Recommended name: Diacylglycerol kinase alpha. Short name= DAG kinase alpha. EC= 2.7.1.107. Alternative name(s): 80 kDa diacylglycerol kinase Diglyceride kinase alpha. Short name= DGK-alpha
UniProt:	P51556

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

Handling

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.