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Datasheet for ABIN1474660
DGKG Protein (AA 1-788) (His tag)

Overview

Quantity:	1 mg
Target:	DGKG
Protein Characteristics:	AA 1-788
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DGKG protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MSDGQWVCLS SEEFDLQKY SEYSSKKIKD VLAEFNEGGS LKQYDPHKPI SYDVFKLFMR
AYLEVDLPQP LSTNLFLAFS QKPRQETPDH PKEGASSSEP NVSDSNAEST AKADAACAPD
TESKPIKTQV PSEEEA AAP WGEPNAPASS SDAPIVYLKD VVCYLSLMET GRPQDKLEFM
FRLYDSDENE LLDQAELDQI VSQMLHVAQY LEWDPTELRP ILKEMLQGM D YNKDGFVSLE
EWVSGGMTTI PLLVLLGMDD SASKGDGRHA WTLKHFKKPT YCNFCHIMLM GVRKQGLCCI
YCKYAVHQRC VSNSIPGCVK TYSKAKRSGE VMQHAWVEGN SSVKCDRCHK SIKCYQSVTA
RHCVWCRMTF HRKCELSTAC DGGELKD HIL LPTS IYPVTR DRQAGKSDSG A AAKGELVMQ
YKIIPSPGTH PLLVLVNP KS GGRQGERILQ KFHYLLNPKQ VFNLDKGGPT PGLNFFQDTP
DFRVLACGGD GTVGWILDCI DKANFTKHPP VAVLPLGTGN DLARCLR WGG GYEGGSLTKI
LKEIEQSPLV MLDRWYLEVM PREEVENGDQ VPYNIMNNYF SIGVDASIAH RFHVMREKHP
EKFN SRMKNK LWYFEFGTSE TFAATCKKLH DHIELECDGV EVDLSNIFLE G IAILNIPSM
YGGTNLWGET KKNRAVIRE S RKSVTDPKEL KCCVQDLS DQ LLEVGL EGA MEMGQIYTGL

Product Details

KSAGRRLAQC SSVTIRTKKL LPMQVDGEPW MQPPCMIKIT HKNQAPMMMGM PPQKSSFFSL
RRKSRSKD

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: DGKG

Alternative Name: Diacylglycerol kinase gamma (Dgkg) ([DGKG Products](#))

Background: Recommended name: Diacylglycerol kinase gamma.
Short name= DAG kinase gamma.
EC= 2.7.1.107.
Alternative name(s): 88 kDa diacylglycerol kinase Diglyceride kinase gamma.
Short name= DGK-gamma

UniProt: [P49620](#)

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

Handling

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.