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## Datasheet for ABIN1676926 Acylglycerol Kinase Protein (AGK) (AA 35-422) (His tag)



Overview

Quantity:1 mgTarget:Acylglycerol Kinase (AGK)Protein Characteristics:AA 35-422Origin:Zebrafish (Danio rerio)Source:YeastProtein Type:RecombinantPurification tag / Conjugate:This Acylglycerol Kinase protein is labelled with His tag.Application:ELISAProduct Details:NKCDSV LRREACIEAR AFGQQLIGPQ ELIKKATVIL NPAACKGKAN QLFEKNAAPI LHLAGVEVKI VKTDVEGQAK KLMELMEQTD MLIIAGGDGT LQEVITGLIR RADEEIFSKT PIGFIPLGSS NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEQPVFALL GLRWGAFRDV ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDEI PIQRPNLLYR IVRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAQGFTE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLRRKLRFFC SAERREQLAE AQSpeoficity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammaller cells or by baculovirus infection. Be aware about differences in price and lead time.Purity:>90 %	Overview	
Protein Characteristics:AA 35-422Origin:Zebrafish (Danio rerio)Source:YeastProtein Type:RecombinantPurification tag / Conjugate:This Acylglycerol Kinase protein is labelled with His tag.Application:ELISAProduct DetailsSequence:Sequence:NHCDSV LRREACIEAR AFGQQLIGPQ ELKKATVIL NPAACKGKAN QLFEKNAAPI LHLAGVEVKI VKTDYEQQAK KLMELMEQTD MLIIAGGDGT LQEVITGLLR RADEEIFSKT PIGFIPLGSS NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEOPVFALL GLRWGAFRDV ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR IVRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQSpecificity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.	Quantity:	1 mg
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Source:YeastProtein Type:RecombinantPurification tag / Conjugate:This Acylglycerol Kinase protein is labelled with His tag.Application:ELISAProduct DetailsSequence:Sequence:NHCDSV LRREACIEAR AFGQQLIGPQ EILKKATVIL NPAACKGKAN QLFEKNAAPI LHLAGVEVKI VKTDYEGQAK KLMELMEQTD MLIIAGGDGT LQEVITGLLR RADEEIFSKT PIGFIPLGSS NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEQPVFALL GLRWGAFRDV ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR IVRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAGOFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQSpecificity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.	Protein Characteristics:	AA 35-422
Protein Type:RecombinantPurification tag / Conjugate:This Acylglycerol Kinase protein is labelled with His tag.Application:ELISAProduct DetailsNHCDSV LRREACIEAR AFGQQLIGPQ EILKKATVIL NPAACKGKAN QLFEKNAAPI LHLAGVEVKI VKTDYEGQAK KLMELMEQTD MLIIAGGDGT LQEVITGLLR RADEEIFSKT PIGFIPLGSS NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEQPVFALL GLRWGAFRDV ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR IYRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQSpecificity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.	Origin:	Zebrafish (Danio rerio)
Purification tag / Conjugate: This Acylglycerol Kinase protein is labelled with His tag.   Application: ELISA   Product Details NHCDSV LRREACIEAR AFGQQLIGPQ EILKKATVIL NPAACKGKAN QLFEKNAAPI LHLAGVEVKI VKTDYEGQAK KLMELMEQTD MLIIAGGDGT LQEVITGLLR RADEEIFSKT PIGFIPLGSS NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEQPVFALL GLRWGAFRDV ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR IYRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRVD DSMLISLDPE SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQ   Specificity: Danio rerio (Zebrafish) (Brachydanio rerio)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.	Source:	Yeast
Application: ELISA   Product Details Sequence:   NHCDSV LREACIEAR AFGQQLIGPQ EILKKATVIL NPAACKGKAN QLFEKNAAPI LHLAGVEVKI VKTDYEGQAK KLMELMEQTD MLIIAGGDGT LQEVITGLLR RADEEIFSKT PIGFIPLGSS NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEQPVFALL GLRWGAFRDV ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR IYRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQ   Specificity: Danio rerio (Zebrafish) (Brachydanio rerio)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.	Protein Type:	Recombinant
Product Details   Sequence: NHCDSV LRREACIEAR AFGQQLIGPQ EILKKATVIL NPAACKGKAN QLFEKNAAPI LHLAGVEVKI VKTDYEGQAK KLMELMEQTD MLIIAGGDGT LQEVITGLLR RADEEIFSKT PIGFIPLGSS NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEQPVFALL GLRWGAFRDV ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR IYRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQ   Specificity: Danio rerio (Zebrafish) (Brachydanio rerio)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.	Purification tag / Conjugate:	This Acylglycerol Kinase protein is labelled with His tag.
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VKTDYEGQAK KLMELMEQTD MLIIAGGDGT LQEVITGLLR RADEEIFSKT PIGFIPLGSS NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEQPVFALL GLRWGAFRDV ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR IYRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQSpecificity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.	Product Details	
NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEQPVFALL GLRWGAFRDV ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR IYRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQSpecificity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.	Sequence:	NHCDSV LRREACIEAR AFGQQLIGPQ EILKKATVIL NPAACKGKAN QLFEKNAAPI LHLAGVEVKI
ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR IYRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQSpecificity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.		VKTDYEGQAK KLMELMEQTD MLIIAGGDGT LQEVITGLLR RADEEIFSKT PIGFIPLGSS
IYRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQSpecificity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.		NSLSQSLHLV SDNKVQHITS ATLSILKGET VPLDVLQIKG EKEQPVFALL GLRWGAFRDV
SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR LLPRKLRFFC SAERREQLAE AQSpecificity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.		ATSISKYWYL GPLKTRAAHW FSSLKQWPQV HVASLSYLAP VPRPPDLPDE IPQRPNLLYR
LLPRKLRFFC SAERREQLAE AQSpecificity:Danio rerio (Zebrafish) (Brachydanio rerio)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.		IYRRLQNYWN PPLEEPPKEP EPEQWESKDV STLELTVLTH NKNPVKRRVD DSMLISLDPE
Specificity: Danio rerio (Zebrafish) (Brachydanio rerio)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.		SLTAGQFITE GTNKSVDPME PIENAVQIEA SAARLELPEE GAGFYDIDNQ EYEAMSVEVR
Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalier cells or by baculovirus infection. Be aware about differences in price and lead time.		LLPRKLRFFC SAERREQLAE AQ
cells or by baculovirus infection. Be aware about differences in price and lead time.	Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
	Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
Purity: > 90 %		cells or by baculovirus infection. Be aware about differences in price and lead time.
	Purity:	> 90 %

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## Target Details

Target:	Acylglycerol Kinase (AGK)
Alternative Name:	Acylglycerol kinase, mitochondrial (agk) (AGK Products)
Background:	Recommended name: Acylglycerol kinase, mitochondrial.
	EC= 2.7.1.107.
	EC= 2.7.1.94.
	Alternative name(s): Multiple substrate lipid kinase.
	Short name= MuLK.
	Short name= Multi-substrate lipid kinase
UniProt:	Q7ZW00

## 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 Comment:

Storage:

-20 °C

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

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