Datasheet for ABIN1676813

CAMK1G Protein (AA 1-476) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	CAMK1G
Protein Characteristics:	AA 1-476
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAMK1G protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGRKEEEDCS SWKKQTTNIR KTFIFMEVLG SGAFSEVFLV KQRVTGKLFA LKCIKKSPAF RDSSLENEIA VLKRIKHENI VTLEDIYEST THYYLVMQLV SGGELFDRIL ERGVYTEKDA SLVIQQVLSA VKYLHENGIV HRDLKPENLL YLTPEENSKI MITDFGLSKM EQNGVMSTAC GTPGYVAPEV LAQKPYSKAV DCWSIGVITY ILLCGYPPFY EETESKLFEK IKEGYYEFES PFWDDISESA KDFICHLLEK DPNERYTCEK ALRHPWIDGN TALHRDIYPS VSLQIQKNFA KSKWRQAFNA AAVVHHMRKL HMNLHSPSVR QEVENRPPVS PAPEVSRPGS HDSSITEAPI LDPSTPLPAL TRLPCSHSSR PSAPGGRSLN CLVNGSLRIS SSLVPMQQGP LATGPCGCCS SCLNIGNKGK SSYCSEPTLF RKANKKQNFK SEVMVPVKAG GSTHCRAGQT GVCLIM
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	CAMK1G
Alternative Name:	Calcium/calmodulin-dependent protein kinase type 1G (Camk1g) (CAMK1G Products)
Background:	Recommended name: Calcium/calmodulin-dependent protein kinase type 1G. EC= 2.7.11.17. Alternative name(s): CaM kinase I gamma. Short name= CaM kinase IG. Short name= CaM-KI gamma. Short name= CaMKI gamma. Short name= CaMKIG CaMK-like CREB kinase III. Short name= CLICK III
UniProt:	Q7TNJ7

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

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.