Datasheet for ABIN7583368

GRK2 Protein (AA 1-689) (His tag)

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Overview

Quantity:	100 µg
Target:	GRK2 (ADRBK1)
Protein Characteristics:	AA 1-689
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRK2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADLEAVLAD VSYLMAMEKS KATPAARASK KILLPEPSIR SVMQKYLEDR GEVTFEKIFS QKLGYLLFRD FYLNHLEEAK PLVEFYEEIE KYEKLETEEE RVVRSREIFD SYIMKELLAC SHPFSKNATE HVQGHLVKKQ VPPDLFQPYI EEICQNLRGD VFHKFIESDK FTRFCQWKNV ELNIHLTMND FSVHRIIGRG GFGEVYGCRK ADTGKMYAMK CLDKKRIKMK QGETLALNER IMLSLVSTGD CPFIVCMSYA FHTPDKLSFI LDLMNGGDLH YHLSQHGVFS EADMRFYAAE IILGLEHMHN RFVVYRDLKP ANILLDEHGH VRISDLGLAC DFSKKKPHAS VGTHGYMAPE VLQKGVAYDS SADWFSLGCM LFKLLRGHSP FRQHKTKDKH EIDRMTLTMA VELPDSFSPE LRSLLEGLLQ RDVNRRLGCL GRGAQEIKES PFFRSLDWQM VFLQKYPPPL IPPRGEVNAA DAFDIGSFDE EDTKGIKLLD SDQELYRNFP LTISERWQQE VAETVFDTIN AETDRLEARK KAKNKQLGHE EDYALGKDCI MHGYMSKMGN PFLTQWQRRY FYLFPNRLEW RGEDEAPQSL LTMEEIQSVE ETQIKERKCL LLKIRGGKQF VLQCDSDPEL VQWKKELRDA YREAQQLVQR VPKMKNKPRS PVVELSKVPL IQRGSANGL

Product Details

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.
Purity:	> 90 %

Target Details

Target:	GRK2 (ADRBK1)
Alternative Name:	beta-Adrenergic Receptor Kinase 1 (Adrbk1) (ADRBK1 Products)
Background:	Recommended name: Beta-adrenergic receptor kinase 1. Short name= Beta-ARK-1. EC= 2.7.11.15. Alternative name(s): G-protein-coupled receptor kinase 2
UniProt:	P26817
Pathways:	EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of G-Protein Coupled Receptor Protein Signaling, CXCR4-mediated Signaling Events, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma, Thromboxane A2 Receptor Signaling

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

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.