

Datasheet for ABIN7585687

PKC gamma Protein (AA 1-697) (His tag)



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Overview

Quantity:	100 µg
Target:	PKC gamma (PRKCG)
Protein Characteristics:	AA 1-697
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PKC gamma protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAGLGPGGGD SEGGRPLFC RKGALRQKV HEVKSHKFTA RFFKQPTFCS HCTDFIWGIG</p> <p>KQGLQCQVCS FVHRRCHEF VTFCPGAGK GPQTDDPRNK HKFRLHSYSS PTFCDHCGSL</p> <p>LYGLVHQGMK CSCCEMNVHR RCVRSVPSLC GVDHTERRGR LQLEIRAPTS DEIHITVGEA</p> <p>RNLIPMDPNG LSDPYVKLKL IPDPRNLTKQ KTKTVKATLN PVWNETFVFN LKPGDVERRL</p> <p>SVEVWDWDRT SRNDFMGAMS FGVSELLKAP VDGWYKLLNQ EGEYYNVPV ADADNCSLLQ</p> <p>KFEACNYPLE LYERVRMGPS SSIPIPSPS PTDSKRCFFG ASPGRLHISD FSFLMVLGKG</p> <p>SFGKVMLAER RGSDELYAIK ILKKDVIVQD DDVDCTLVEK RVLALGGRGP GGRPHFLTQL</p> <p>HSTFQTPDRL YFVMEYVTGG DLMYHIQQLG KFKEPHAAFY AAEIAGLFF LHNQGIIYRD</p> <p>LKLDNVMLDA EGHKITDFG MCKENVFPGS TTRTFCGTPD YIAPEIIAYQ PYGKSVDWWS</p> <p>FGVLLYEMLA QPPFDGEDE EELFQAIMEQ TVTYPKSLSR EAVAICKGFL TKHPGKRLGS</p> <p>GPDGEPTIRA HGFFRWIDWE RLERLEIAPP FRPRPCGRSG ENFDKFFTRA APALTPPDRL</p> <p>VLASIDQADF QGFTYVNPDP VHPDARSPTS PVPVPVM</p>
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Product Details

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:	PKC gamma (PRKCG)
Alternative Name:	Protein Kinase C gamma Type (Prkcg) (PRKCG Products)
Background:	Recommended name: Protein kinase C gamma type. Short name= PKC-gamma. EC= 2.7.11.13
UniProt:	P63319
Pathways:	WNT Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Thyroid Hormone Synthesis , Myometrial Relaxation and Contraction , G-protein mediated Events , Positive Regulation of Response to DNA Damage Stimulus , Interaction of EGFR with phospholipase C-gamma , Thromboxane A2 Receptor Signaling , VEGF 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 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
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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.