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GRK4 Protein (AA 1-575) (His tag)



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Overview

Quantity:	1 mg
Target:	GRK4
Protein Characteristics:	AA 1-575
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRK4 protein is labelled with His tag.
Application:	ELISA

Application:	ELISA
Product Details	
Sequence:	MELENFMANT LLLKARQGFT KKTGRSKKWR ELLKLPPVSM CSDLRHSIEK DFSSLCDQQP
	IGRLLFRQFC NTKPDLKRCI EFLDAAAEYE VTIEEEQREF GLSIYSRFFK ENSEVSLPQI
	PPDLVKECKC NLKQSSPSQN VFQDCAGVIY KYLSEKPFEE YQESTYYNRF LQWKWLERRP
	VTKNTFRQYR VLGKGGFGEV CACQVRATGK MYACKKLEKK RIKKRKGEAM ALNEKRILEK
	LHSRFVVSLA YTYETKDALC LVLTIMNGGD LKYHIYNLGN PGFEEQRAVF YAAELCCGLE
	DLQRERIVYR DLKPENILLD DHGHIRISDL GLALEIPEGE MVRGRVGTVG YMAPEIISHE
	KYTFSPDWWG LGCLIYEMIA GHSPFRKYKE KVNREEMERR VKTETEEYSE RFSENAKSIC
	SMLLTKDPSK RLGCQSDGAS AVKQHPIFKD INFSRLEANM LDPPFCPDPE AIYCKDILDI
	GQFSVVKGVN LDTNDEIFYT QFATGCVTIP WQNEMIESGC FKDLNEYEDK GLSPLEKHKI
	CSCILRPKRN FFHRLFRRAA CLNIAHSEER EPTEH
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammal

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %
Target Details	
Target:	GRK4
Abstract:	GRK4 Products
Background:	Recommended name: G protein-coupled receptor kinase 4.
	EC= 2.7.11.16.
	Alternative name(s): G protein-coupled receptor kinase GRK4
UniProt:	P70507
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein
	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 i
	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

Handling

	one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.