

Datasheet for ABIN7584563  
**GRK4 Protein (AA 1-575) (His tag)**



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## Overview

Quantity:	100 µg
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

## Product Details

Sequence:	<p>MELENFMANT LLLKARQGFT KKTGRSKKWR ELLKLPPVSM CSDLRHSIEK DFSSLCDQQP</p> <p>IGRLLFRQFC NTKPDLKRCI EFLDAAA EYE VTIEEEQREF GLSIYSRFFK ENSEVSLPQI</p> <p>PPDLVKECKC NLKQSSPSQN VFQDCAGVIY KYLSEKPFEE YQESTYYNRF LQWKWLERRP</p> <p>VTKNTRQYR VLGKGGFGEV CACQVRATGK MYACKKLEKK RIKKRKGEAM ALNEKRILEK</p> <p>LHSRFVVS LA YTYETKDALC LVLTIMNGGD LKYHIYNLGN PGFEEQRAVF YAAELCCGLE</p> <p>DLQRERIVYR DLKPENILLD DHGHIRISDL GLALEIPEGE MVRGRVGTVG YMAPEIISHE</p> <p>KYTFSPDWWG LGCLİYEMIA GHSPFRKYKE KVNREEMERR VKTETEEYSE RFSENAKSIC</p> <p>SMLLT KDPSK RLGCQSDGAS AVKQHPIFKD INFSRLEANM LDPPFCPDPE AIYCKDILDI</p> <p>GQFSVVKGVN LDTNDEIFYT QFATGCVTIP WQNEMIESGC FKDLNEYEDK GLSPLEKHKI</p> <p>CSCILRPKRN FFHRLFRRAA CLNIAHSEER EPTEH</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## 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 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 modiflicated 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

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one week

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Storage: -20 °C

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