

Datasheet for ABIN7584565  
**GRK6 Protein (AA 1-576) (His tag)**



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## Overview

Quantity:	100 µg
Target:	GRK6
Protein Characteristics:	AA 1-576
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRK6 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MELENIVANT VLLKAREGGG GNRKGKSKKW RQMLQFPHIS QCEELRLSLE RDYHSLCERQ</p> <p>PIGRLLFREF CATRPELTRC TAFLDGVAEY EVTPDEKRKA CGCRLMQNFL SHTGPDLIPE</p> <p>VPRQLVSNCA QRLEQGPKCD LFQELTRLTH EYLSMAPFAD YLDSIYFNRF LQWKWLERQP</p> <p>VTKNTRQYR VLGKGGFGEV CACQVRATGK MYACKKLEKK RIKKRKGEAM ALNEKQILEK</p> <p>VNSRFVVSLA YAYETKDALC LVLTLMNGGD LKFHIYHMGQ AGFPEARAVF YAAEICCGLE</p> <p>DLHRERIVYR DLKPENILLD DHGHIRISDL GLTVHVPEGQ TIKGRVGTVG YMAPEVVKNE</p> <p>RYTFSPDWWA LGCLLYEMIA GQSPFQQRKK KIKREEVERL VKEVAEEYTD RFSPQARSLC</p> <p>SQLPNKDPAE RLGCRRGGAR EVKEHPLFKK LNFKRLGAGM LEPPFKPDPQ AIYCKDVLDI</p> <p>EQFSTVKGVD LEPTDQDFYQ KFATGSVSIP WQNEMVETEC FQELNVFGLD GSVPPDLDWK</p> <p>GQPTAPPKKG LLQRLFSRQD CCGNCSDSEE ELPTRL</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: GRK6

Abstract: [GRK6 Products](#)

Background: Recommended name: G protein-coupled receptor kinase 6.  
EC= 2.7.11.16.  
Alternative name(s): G protein-coupled receptor kinase GRK6

UniProt: [P97711](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [CXCR4-mediated Signaling Events](#), [Negative Regulation of Transporter Activity](#)

## 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.