



[Go to Product page](#)

Datasheet for ABIN1612580 GRK5 Protein (AA 1-590) (His tag)

Overview

Quantity:	1 mg
Target:	GRK5
Protein Characteristics:	AA 1-590
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRK5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MELENIVANT VLLKAREGGG GKRKGKSKKW KEILKFPHIN QCEDLRRTID RDYYSLCDKQ</p> <p>PIGRLLFRQF CETRPGLECY IQFLDLVAEY EITPDENLGA KGKEIMTKYL SPKSPVFIAQ</p> <p>VGQDLVSQTE KKLLQSPCKE LFSACAQSVH DYLGKDPFHE YLDSMYFDRF LQWKWLERQP</p> <p>VTKNTRQYR VLGKGGFGEV CACQVRATGK MYACKRLEKK RIKKRKGESM ALNEKQILEK</p> <p>VNSQFVVNLA YAYETKDALC LVLTIMNGGD LKFHIYNMGN PGFEEERALF YAAEILCGLE</p> <p>DLHRENTVYR DLKPENILLD DYGHIRISDL GLAVKIPEGD LIRGRVGTVG YMAPEVLNNQ</p> <p>RYGLSPDYWG LGCLIYEMIE GQSPFRGRKE KVKREEVDRR VLETEEVYSP KFSEEAKSIC</p> <p>NMLLTKDSKQ RLGCQEEGAA EVKRHPFFRN MNFKRLEAGM LDPPFVPDPR AVYCKDVLDI</p> <p>EQFSTVKGVN LDHTDDDFYS KFSTGVSPIP WQNEMIETEC FKELNVFGPN GTLSPDLNRS</p> <p>QPPEPPKKGL FHRLFRRQHQ NNSKSSPTPK TSCNHRINSN HINSNSTGSS</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: GRK5

Abstract: [GRK5 Products](#)

Background: Recommended name: G protein-coupled receptor kinase 5.
EC= 2.7.11.16.
Alternative name(s): G protein-coupled receptor kinase GRK5

UniProt: [Q62833](#)

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

one week

Storage: -20 °C

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