



Recombinant Human cGMP-dependent protein kinase 1 (PRKG1)

Product Code	CSB-MP619797HU
Abbreviation	PRKG1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q13976
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	SELEEDFAK ILMLKEERIK ELEKRLSEKE EEIQELKRKL HKCQSVLPVP STHIGPRTRR AQQISAEPQT YRSFHDLRQA FRKFTKSERS KDLIKEAILD NDFMKNLELS QIQEIVDCMY PVEYGKDSCI IKEGDVGSVLV YVMEDGKVEV TKEGVKLCTM GPGKVFGELA ILYNCTRTAT VKTLVNVKLW AIDRQCFQTI MMRTGLIKHT EYMEFLKSVP TFQSLPEEIL SKLADVLEET HYENGEYIIR QGARGDTFFI ISKGTVNVTR EDSPSEDPVF LRTLKGKDWDF GEKALQGEDV RTANVIAAEA VTCLVIDRDS FKHLIGGLDD VSNKAYEDAE AKAKYEAEEA FFANLKLSDF NIIDTLGVGG FGRVELVQLK SEESKTFAMK ILKKRHIVDT RQQEHIRSEK QIMQGAHSDF IVRLYRTFKD SKYLYMLMEA CLGGELWITL RDRGSFEDST TRFYTACVVE AFAYLHSGKI IYRDLKPENL ILDHRGYAKL VDFGFAKKIG FGKKTWTF CG TPEYVAPEII LNKGHDISAD YWSLGILMYE LLTGSPPFSG PDPMKTYNII LRGIDMIEFP KKIAKNAANL IKKLCRDNPS ERLGNLKNV KDIQKHKWF E GFNWEGLRKG TLTPPIIPSV ASPTDTSNFD SFPEDNDEPP PDDNSGWDID F
Source	Mammalian cell
Target Names	PRKG1
Protein Names	Recommended name: cGMP-dependent protein kinase 1 Short name= cGK 1 Short name= cGK1 EC= 2.7.11.12 Alternative name(s): cGMP-dependent protein kinase I Short name= cGKI
Expression Region	2-671
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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