

cGMP-dependent protein kinase 1 (Prkg1) Recombinant Protein | Prkg1 recombinant protein

Recombinant Mouse cGMP-dependent protein kinase 1 (Prkg1)

CATALOG # AAA113688	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

cGMP-dependent protein kinase 1 (Prkg1); Recombinant Mouse cGMP-dependent protein kinase 1 (Prkg1); Prkg1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-671aa; Full Length of Mature Protein
Sequence	SELEEDFAKI LMLKEERIKE LEKRLSEKEE EIQLKRLKH KCQSVLPVPS THIGPRTTRA QGISAEPQTY RSFHDLRQAF RKFTKSERSK DLIKEAILDN DFMKNLELSQ IQEIVDCMYP VEYGKDSCII KEGDVGSLVY VMEDGKVEVT KEGVKLCTMG PGKVFGELAI LYNCTRTATV KTLVNVKLWA IDRQCFQTIM MRTGLIKHTE YMEFLKSVPT FQSLPDEILS KLADVLEETH YENGEYIIRQ GARGDTFFII SKGQVNV TRE DSPSEDPVFL RTLKGKDWFG EKALQGEDVR TANVIAAEAV TCLVIDRDSF KHLIGGLDDV SNKAYEDAEA KAKYEAEEAF FANLKLSDFN IIDLGVGGF GRVELVQLKS EESKTFAMKI LKKRHIVDTR QQEHIRSEKQ IMQGAHSDFI VRLYRTFKDS KYLYMLMEAC LGGELWTILR DRGSFEDSTT RFYTACVVEA FAYLHSGKII YRDLKPENLI LDHRGYAKLV DFGFAKKIGF GKKTWTF CGT PEYVAPEIIL NKGHDISADY WSLGILMYEL LTGSPPFSGP DPMKTYNIIL RGIDMIEFPK KIAKNAANLI KKLCDRNPSE RLGNLKNKGVK DIQKHKWFEG FNWEGLRKGT LTPPIIPVA SPTDTSNFDS FPEDSDEPPP DDNSGWDIDF
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62177131
NCBI GeneID	19091
NCBI Accession #	NP_001013855.1
NCBI GenBank Nucleotide #	NM_001013833.3
UniProt Accession #	P0C605 ; Q14DK6 ; Q9Z0Z0
Molecular Weight	77,790 Da
NCBI Official Full Name	cGMP-dependent protein kinase 1 alpha isoform
NCBI Official Synonym Full Names	protein kinase, cGMP-dependent, type I
NCBI Official Symbol	Prkg1
NCBI Official Synonym Symbols	CGKI; Prkg1b; Gm19690; Prkgr1b; AW125416
NCBI Protein Information	cGMP-dependent protein kinase 1

UniProt Protein Name	cGMP-dependent protein kinase 1
UniProt Gene Name	Prkg1
UniProt Synonym Gene Names	Prkg1b; Prkgr1a; Prkgr1b; cGK 1; cGK1; cGKI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/prkg1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113688>