

PRKG1 Protein, Human (HEK293, His)

Cat. No.:	HY-P71234
Synonyms:	cGMP-Dependent Protein Kinase 1; cGK 1; cGK1; cGMP-Dependent Protein Kinase I; cGKI; PRKG1; PRKG1B; PRKGR1A; PRKGR1B
Species:	Human
Source:	HEK293
Accession:	Q13976-2 (G2-F686)
Gene ID:	5592
Molecular Weight:	Approximately 75.0 kDa

PROPERTIES

AA Sequence

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G T L R D L Q Y A L   Q E K I E E L R Q R   D A L I D E L E L E   L D Q K D E L I Q K
L Q N E L D K Y R S   V I R P A T Q Q A Q   K Q S A S T L Q G E   P R T K R Q A I S A
E P T A F D I Q D L   S H V T L P F Y P K   S P Q S K D L I K E   A I L D N D F M K N
L E L S Q I Q E I V   D C M Y P V E Y G K   D S C I I K E G D V   G S L V Y V M E D G
K V E V T K E G V K   L C T M G P G K V F   G E L A I L Y N C T   R T A T V K T L V N
V K L W A I D R Q C   F Q T I M M R T G L   I K H T E Y M E F L   K S V P T F Q S L P
E E I L S K L A D V   L E E T H Y E N G E   Y I I R Q G A R G D   T F F I I S K G T V
N V T R E D S P S E   D P V F L R T L G K   G D W F G E K A L Q   G E D V R T A N V I
A A E A V T C L V I   D R D S F K H L I G   G L D D V S N K A Y   E D A E A K A K Y E
A E A A F F A N L K   L S D F N I I D T L   G V G G F G R V E L   V Q L K S E E S K T
F A M K I L K K R H   I V D T R Q Q E H I   R S E K Q I M Q G A   H S D F I V R L Y R
T F K D S K Y L Y M   L M E A C L G G E L   W T I L R D R G S F   E D S T T R F Y T A
C V V E A F A Y L H   S K G I I Y R D L K   P E N L I L D H R G   Y A K L V D F G F A
K K I G F G K K T W   T F C G T P E Y V A   P E I I L N K G H D   I S A D Y W S L G I
L M Y E L L T G S P   P F S G P D P M K T   Y N I I L R G I D M   I E F P K K I A K N
A A N L I K K L C R   D N P S E R L G N L   K N G V K D I Q K H   K W F E G F N W E G
L R K G T L T P P I   I P S V A S P T D T   S N F D S F P E D N   D E P P P D D N S G
W D I D F
  
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Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.

Shipping

Shipping with dry ice.

Caution: Product has not been fully validated for medical applications. For research use only.

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