

## Recombinant Human PRKG1 Protein, His-tagged

Cat. No. PRKG1-139H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PRKG1 Protein(Q13976-2) is produced by our Mammalian expression system and the target gene encoding Gly2-Phe686 is expressed with a 6His tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gly2-Phe686
<b>Form</b>	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
<b>Endotoxin</b>	Less than 0.1 ng/ug (1 EU/ug) as determined by LAL test.
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

### GENE INFORMATION

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<b>Gene Name</b>	PRKG1 protein kinase cGMP-dependent 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	PRKG1
<b>Synonyms</b>	PRKG1; protein kinase, cGMP-dependent, type I; PRKG1B, PRKGR1B; cGMP-dependent protein kinase 1; PGK; PKG; protein kinase, cGMP-dependent, regulatory, type I, beta; 1; cGK; cGK1; cGKI; cGK 1; PRKG1B; PRKGR1B; cGKI-BETA; cGKI-alpha; FLJ36117; MGC71944; DKFZp686K042;
<b>Gene ID</b>	5592
<b>mRNA Refseq</b>	NM_006258
<b>Protein Refseq</b>	NP_006249
<b>UniProt ID</b>	Q13976

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