

Recombinant Human PRKCG protein, His-tagged

Cat. No. PRKCG-3423H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKCG protein(351-697 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	351-697 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	FSFLMVLGKGSFGKVMLAERRGSDELYAIKILKKDVIVQDDVDCTLVEKRVLALGG RGPGGRPHFLTQLHSTFQTPDRLYFVMEYVTGGDLMYHIQQLGKFKEPHAAFYAAE IAIGLFFLHNQGIYRDLKLDNVMLDAEGHIKITDFGMCKENVFPGTTTTRTFCGTPDYIA PEIIAYQPYGKSVDWWSFGVLLYEMLAGQPPFDGEDEEELFQAIMEQTVTYPKSLSR EAVAICKGFLT KHPGKRLGSGPDGEPTIRAHGFFRWIDWERLERLEIPPPFRPRPCG RSGENFDKFFTRAAPALTPDRLVLASIDQADFQGFTYVNPDFVHPDARSPTSPVPV PVM
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name PRKCG protein kinase C, gamma [Homo sapiens]

Official Symbol PRKCG

Synonyms PRKCG; protein kinase C, gamma; PKCG, SCA14; protein kinase C gamma type; MGC57564; PKC gamma; PKCC; PKCG; SCA14; PKC-gamma;

Gene ID 5582

mRNA Refseq NM_002739

Protein Refseq NP_002730

MIM 176980

UniProt ID P05129

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