

Active Recombinant Full Length Human PRKG2 Protein, GST-tagged

Cat. No. PRKG2-3669HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human CGK2 [1-762(end) amino acids of accession number NP_006250.1] was expressed as N-terminal GST-fusion protein (114 kDa) using baculovirus expression system. GST-CGK2 was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-762
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate, Mg(or Mn)/ATP, and cGMP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	74%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name protein kinase, cGMP-dependent, type II

Official Symbol PRKG2

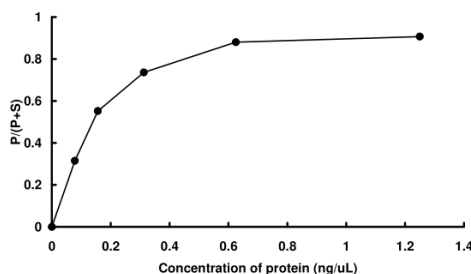
Synonyms PRKG2;PKG2;PRKGR2;cGK2;cGKII

Protein Refseq [NP_006250.1](#)

UniProt ID [Q13237](#)

Activity data

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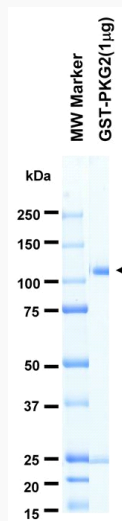
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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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