

pCMV4.GKL1

Last modified on August 17, 2010 at 3:24 PM by [Rama Gangula](#)

Summary description:

This plasmid is used for expressing the liver/hepatic isoform of glucokinase in eukaryotic cell lines. It contains a rat glucokinase cDNA (hepatic isoform) fragment that was generated by PCR amplification, then cloned into *pCMV4*, a plasmid that drives expression from using a cytomegalovirus promoter, a translational augmenter from alfalfa mosaic virus and 3' splice and polyadenylation signals from human growth hormone gene.

Usage Keywords/Tags glucokinase, hepatic, liver, isoform, rat

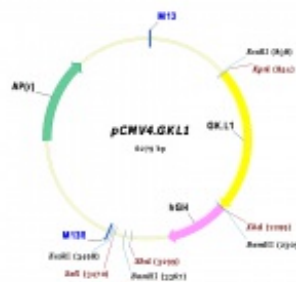
Category Plasmid

Record History Created on December 19, 2008 at 6:13 PM by Magnuson, Mark
Modified on August 17, 2010 at 3:24 PM by Gangula, Rama

Collection(s) Contributed To [Public Shared Collection](#)

Resource Data

Vector Map Image



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Backbone Vector pCMV4

Construct Size 6,279 bp (approximate)

Source Laboratory: Mark Magnuson
Made by: Tod Martin

Bacterial Stock No

Storage Temperature -20 °C

Stock Concentration 0.1 µg/µL

Stock Date December 19, 2008

Genbank File [pCMV4.GKL1.gb](#)

Location Not Available

