

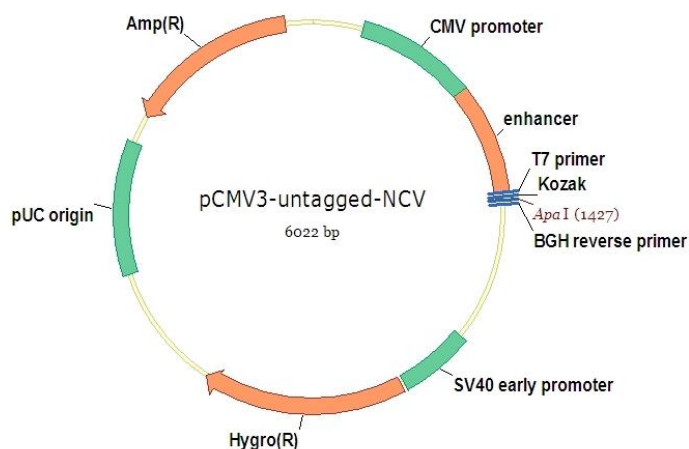
# pCMV3-untagged Negative Control Vector



Sino Biological  
Biological Solution Specialist

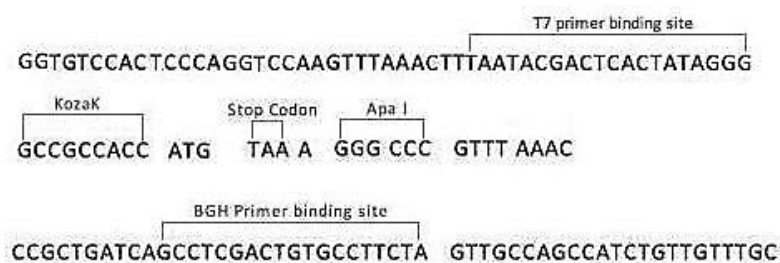
Catalog Number: CV011

## Physical Map



Vector Name	pCMV3-untagged
Vector Size	6022bp
Vector Type	Mammalian Expression Vector
Expression Method	Constitutive, Stable / Transient
Promoter	CMV
Antibiotic Resistance	Ampicillin
Selection In Mammalian Cells	Hygromycin
Protein Tag	None
Sequencing Primer	Forward:T7(TAATACGACTCACTATAGGG) Reverse:BGH(TAGAAGGCACAGTCGAGG)

## Schematic of pCMV3-untagged-NCV (Negative Control Vector) Multiple Cloning Sites



## Physical Introduction

- Negative control for the pCMV3-untagged clone.
- Vector sequence is the same as pCMV3-untagged, but multiple cloning sites are removed.
- Designed for mammalian expression, stable or transient.
- Hygromycin resistance gene for selection of stable cell lines.

## Description

**Lot :** Please refer to the label on the tube

**Shipping carrier :**

Each tube contains approximately 10 µg of lyophilized plasmid.

**Storage :**

The lyophilized plasmid can be stored at ambient temperature for three months.

## Plasmid Resuspension protocol

1. Centrifuge at  $5,000 \times g$  for 5 min.
2. Carefully open the tube and add 100 µl of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than  $5000 \times g$ .
5. Store the plasmid at  $-20^{\circ}\text{C}$ .

**The plasmid is ready for:**

- Restriction enzyme digestion
- PCR amplification
- *E. coli* transformation
- DNA sequencing