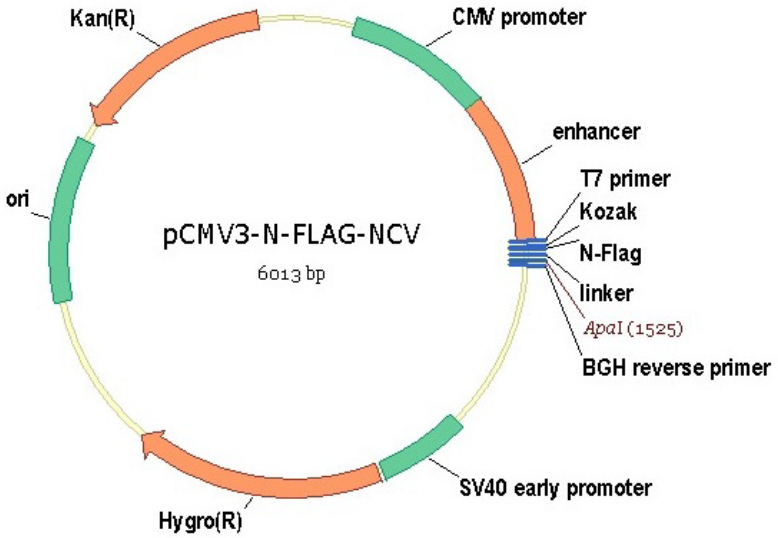
# pCMV3-N-FLAG Negative Control Vector (N-terminal FLAG-tagged)

**Catalog Number: CV016**

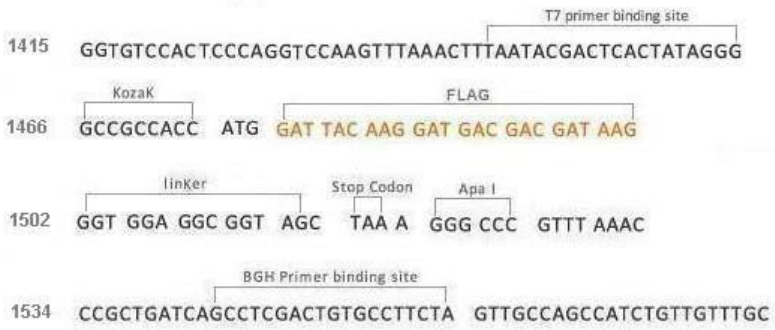
Sino Biological Inc.
Biological Solution Specialist

## Physical Map




| | |
|---|---|
| Vector Name | pCMV3-N-FLAG-NCV |
| Vector Size | 6013bp |
| Vector Type | Mammalian Expression Vector |
| Expression Method | Constitutive, Stable / Transient |
| Promoter | CMV |
| Antibiotic Resistance | Kanamycin |
| Selection In Mammalian Cells | Hygromycin |
| Protein Tag | FLAG |
| Sequencing Primer | Forward:T7(TAATACGACTCACTATAGGG)<br>Reverse:BGH(TAGAAGGCACAGTCGAGG) |

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




## Physical Introduction

- Negative control for the pCMV3-N-FLAG clone.
- Vector sequence is the same as pCMV3-N-FLAG, 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×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×g.
5. Store the plasmid at -20 ℃.

**The plasmid is ready for:**

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