

## pCMV-DYKDDDDK Vector Set

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### Catalog No(s).

635688

### Amount

Each

### Lot Number

Specified on product label.

### Product Information

This vector set allows for the cloning and expression of your gene of interest fused to a DYKDDDDK tag at either the N or C terminus.

### Package Contents

- 20 µl pCMV-(DYKDDDDK)-N Vector (500 ng/µl)
- 20 µl pCMV-(DYKDDDDK)-C Vector (500 ng/µl)

### Storage Conditions

- Store at  $-20^{\circ}\text{C}$ .
- Spin briefly to recover contents.
- Avoid repeated freeze/thaw cycles.

### Shelf Life

- 1 year from date of receipt under proper storage conditions

### Storage Buffer

- 10 mM Tris-HCl (pH 8.0), 1 mM EDTA (pH 8.0)

### Concentration

- 500 ng/µl

### Shipping Conditions

- Dry ice ( $-70^{\circ}\text{C}$ )

### Product Documents

Documents for Clontech products are available for download at [www.clontech.com/manuals](http://www.clontech.com/manuals)

The following documents apply to this product:

- Anti-DYKDDDDK Immunoprecipitation Kit Protocol-At-A-Glance
- pCMV-(DYKDDDDK)-N Vector Information
- pCMV-(DYKDDDDK)-C Vector Information

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## Propagation in *E. coli*

- Recommended host strain: Stellar™ Competent Cells (Cat. No. 636763).
- Selectable marker: plasmid confers resistance to ampicillin (100 µg/ml) in *E. coli* hosts.
- *E. coli* replication origin: pUC

## Quality Control Data

### Plasmid Identity & Purity

- Digestion with the indicated restriction enzymes produced fragments of the indicated sizes on a 0.8% agarose/EtBr gel:

Vector	Enzyme(s)	Size (kb)
pCMV-(DYKDDDDK)-N	EcoRI	3.8 kb
	PstI	2.7 & 1.1 kb
pCMV-(DYKDDDDK)-C	EcoRI	3.8 kb
	PstI	2.7 & 1.1 kb

- Vector identity was confirmed by sequencing.
- $A_{260}/A_{280}$ : 1.8–2.0

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