

# Mouse Cask (XM\_017318367) cDNA/ORF clone



Catalog Number: 767780-13

## General Information

### Gene Name:

calcium/calmodulin-dependent serine protein kinase (MAGUK family)

**Official Symbol:** Cask

**Organism:** *Mus musculus*

**RefSeq:** XM\_017318367

## Description

### Sequence Description:

Identical with the Gene Bank Ref. ID sequence.

**Vector:** pcDNA3.1-3xFlag

**Restriction Sites:** HindIII + KpnI

### Shipping carrier:

Each tube contains approximately 5  $\mu\text{g}$  - 10  $\mu\text{g}$  of lyophilized plasmid.

### Storage:

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

### Quality control:

The plasmid is confirmed by full-length sequencing with primers in the sequencing primer list.

### Sequencing primer list:

**T7:**TAATACGACTCACTATAGGG

**BGH:**TAGAAGGCACAGTCGAGG

## Plasmid Resuspension protocol

1. Centrifuge at 5,000 $\times$ g for 5 min.
2. Carefully open the tube and add 20  $\mu\text{l}$  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

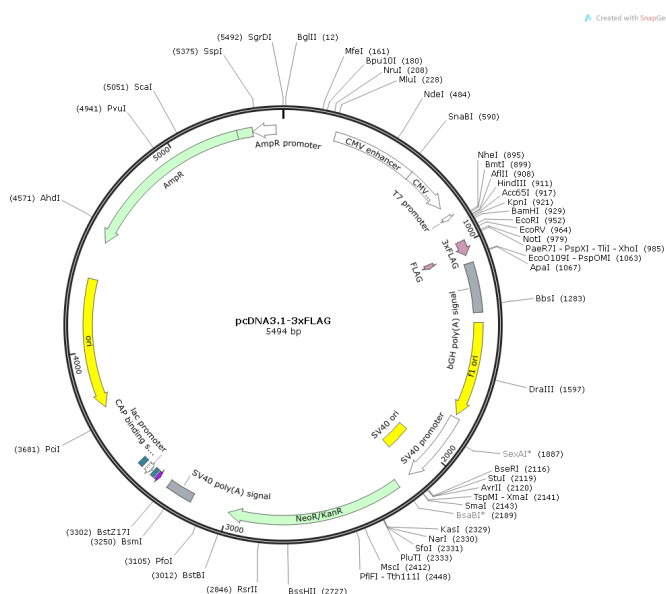
### **E.coli strains for transformation (recommended but not limited):**

Most commercially available competent cells are appropriate for the plasmid, e.g. TOP10, DH5 $\alpha$  and TOP10F'.

## Vector Information

Mammalian vector for expressing C-terminal 3xFlag tagged proteins.

### Physical Map of pcDNA3.1-3xFlag:



Vector Name

pcDNA3.1-3xFlag

Vector Size

5508 bp

Vector Type

Mammalian Expression Vector

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Expression Method	Constitutive, Stable / Transient	Antibiotic Resistance	Ampicillin
Promoter	CMV	Selection In Mammalian Cells	Neomycin
		Protein Tag	Flag