

## Product Analysis Certificate

CRISPR Cas9 Expression Plasmid, pRCCH-CMV-Cas9-2A-Hygro (Packaged)  
Cat.# SVC9-VS  
Lot# 17013111



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### CRISPR Cas9 Expression Plasmid pRCCH-CMV-Cas9-2A-Hygro (Packaged)

**Shipment Contents:** pRCCH-CMV-Cas9-2A-Hygro Cas9 Expression Plasmid (Packaged)  
— Store at -80°C

#### Description:

Cellecta's two-vector CRISPR/Cas9 system can be used for knocking out gene expression *in vivo* or *in vitro* by using a combination of an sgRNA (single guide RNA) expression vector along with a Cas9 nuclease expression vector. The CRISPR Cas9 Expression Plasmid also expresses the hygromycin resistance gene. Expression of Cas9 is stable, and the system can be used in dividing or non-dividing cells or whole model organisms.

The titer of packaged virus provided by Cellecta was functionally determined by transduction of 293T cells and either FACS of RFP- or GFP-positive cells, or by PCR titering of integrated lentiviral DNA.

**Biosafety Level:** BSL-2

**Storage:** -80°C

**Shelf Life:** 1 year from date of receipt

**Shipping Conditions:** Dry Ice

#### Product Information (Cellecta Website):

User Manual: <https://www.cellecta.com/resources/product-manuals-and-certificates/>  
Vector Info: <https://www.cellecta.com/resources/vector-information/>

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### Contents:

Catalog #	Description
SVC9-VS	<b>CRISPR Cas9 Expression Plasmid</b> pRCCH-CMV-Cas9-2A-Hygro (packaged) Packaged, $>1 \times 10^6$ TU: <b><math>1.05 \times 10^6</math> TU</b> ( $7.03 \times 10^6$ TU/ml, 150 $\mu$ l $\times$ 1 vial) Lot# 17013111; Store at $-80^\circ\text{C}$

## Terms and Conditions

### Cellecta, Inc. Limited License

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