

Product Analysis Certificate

CRISPR Cas9 Expression Plasmid, pRCEH-EF1-Cas9-2A-Hygro (Packaged)
Cat.# SVC9EH-VS



CRISPR Cas9 Expression Plasmid

Shipment Contents: pRCEH-EF1-Cas9-2A-Hygro (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/>

Contents:

Catalog #	Description
SVC9EH-VS	CRISPR Cas9 Expression Plasmid pRCEH-EF1-Cas9-2A-Hygro (packaged) Packaged, $>1 \times 10^7$ TU: 1.1×10^7 TU (7.3×10^6 TU/ml, 500 μ l \times 3 vials) Lot# 17112902; Store at -80°C

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