

Product Analysis Certificate

CRISPR Cas9 Expression Vector, pR-CMV-Cas9-2A-Blast (Packaged)
Cat. # SVC9B-VS
Lot# 15100102



CRISPR Cas9 Expression Vector pR-CMV-Cas9-2A-Blast (Packaged)

Shipment Contents: pR-CMV-Cas9-2A-Blast Cas9 Expression Vector (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 Vector also expresses the blasticidin 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: <http://www.cellecta.com/resources/product-manuals-and-certificates/>
Vector Info: <http://www.cellecta.com/resources/vector-information/>

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Contents:

Catalog #	Description
SVC9B-VS	CRISPR Cas9 Expression Vector pR-CMV-Cas9-2A-Blast (packaged) Packaged, $>1 \times 10^6$ TU: 1.44×10^6 TU (8.0×10^5 TU/ml, 1800 μ l: 1 tube) Lot# 15100102; Store at -80°C

Terms and Conditions

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