

Version 1.0

Update: 12/05/2019

CERTIFICATE OF ANALYSIS

Product Information

Product name	GenCrispr NLS-Cas9-EGFP Nuclease
Cat. No.	Z03393
Protein Size	~190 kD
Lot No.	C20041911
Size	50µg; 100µg
Date of Manufacture	10/15/2019
Date of re-assay	N/A
Exp. Date	36 months from date of manufacture
Storage condition	Store at -20 °C

QC Results

Test Items	Specifications	Results
Purity	>95%	Pass
Bioactivity	>90% cleavage efficiencies (in vitro)	Pass
Endotoxin level	<0.1 eu/µg	Pass
DNase activity	No DNase activity	Pass
RNase activity	No RNase activity	Pass

Caution:

For laboratory or further manufacturing use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: *Xianli Yang* Date: 12/20/2019

Quality Department

860 Centennial Ave., Piscataway, NJ 08854, USA

Toll-Free: 1-877-436-7274 Tel: 1-732-885-9188 Fax: 1-732-210-0262 Email: product@genscript.com Web: www.genscript.com

To STEMCELL Technologies Inc.

This is to certify that the CRISPR products do not contain animal-derived materials and the CRISPR products indicated in the table below are manufactured at GenScript's facility in Nanjing, China.

If you require any additional information, please contact us at GenScript.

Vendor Product Name	Lot #	Catalog #	Country of Origin
GenCrispr NLS-Cas9-EGFP Nuclease	C20041911	Z03393	China

For and on behalf of GenScript,

Xiaojin Liu



QA Manager

xiaojin.liu@genscript.com