

Version : 04  
Update : 05/08/2023

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name	GenCrispr NLS-Cas9-D10A Nickase
Cat. No.	Z03390
Lot No.	C2308006-A
Size:	Specified on product label
Stability & Storage:	GenCrispr NLS-Cas9-D10A Nickase is supplied with 1X storage buffer (10 mM Tris, 300 mM NaCl, 0.1 mM EDTA, 1 mM DTT, 50% Glycerol pH7.4 at 25°C). The recommended storage temperature is -20°C.

### Quality Control

Test Items	Specifications	Results
Purity	> 95% as analyzed by SDS-PAGE.	Pass
Endotoxin Level	< 0.1 EU/μg of protein by gel clotting method	Pass
Biological Activity	> 90% cleavage efficiencies	Pass
DNase activity	No DNase activity	Pass
RNase activity	No RNase activity	Pass

Date: 09/28/2023

Approved by: *Dandan Yao*

Quality Department

**For research use only. Not intended for human and animal therapeutic or diagnostic use.**

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