

®

Cas9 sgRNA DNA DSB
DNA NHEJ
HDR DSB DNA LZCap® AG(3'Acm)
Cas9 mRNA sgRNA Cas9 sgRNA
CRISPR/Cas LZCap® AG(3'Acm) Cas9 mRNA T7
LZCap® AG(3'Acm) Cap0
Cap1 LZCap® AG(3'Acm) Cap1 mRNA LZCap®
AG(3'Acm) Cas9 mRNA poly A 5'UTR 3'UTR mRNA
mRNA LZCap® AG(3'Acm) Cas9 mRNA
mRNA

4723

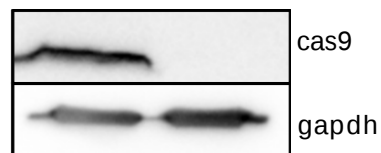
1 µg/µL

100 µL 1 mL

RNase

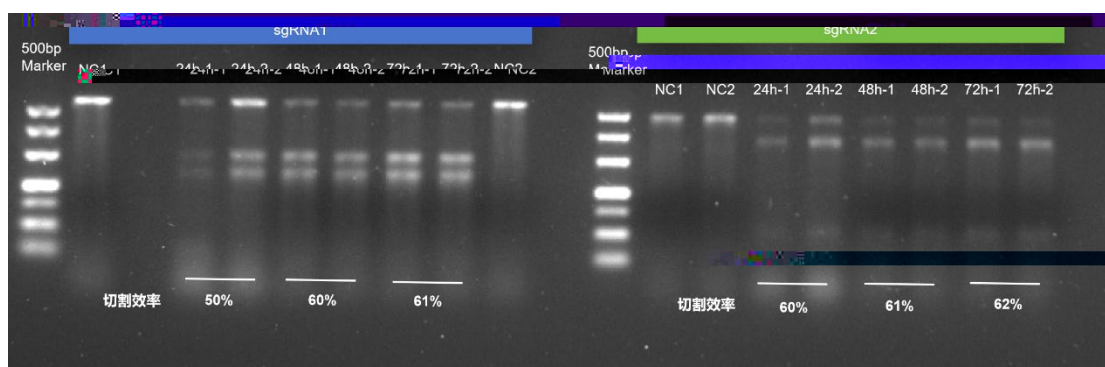
HPLC ≥90% 2%

-40°C



1 LZCap® AG(3'Acm)
Cas9 mRNA

2 LZCap® AG(3'Acm) Cas9
mRNA Cas9



3	HEK293T	Cas9 mRNA	HEK293T	FSCN2
	sgRNA	Cas9 mRNA + sgRNA	24h 48h 72h	
	FSCN2			