®

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

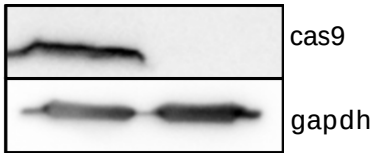
1 μg/μL

100 μL 1 mL

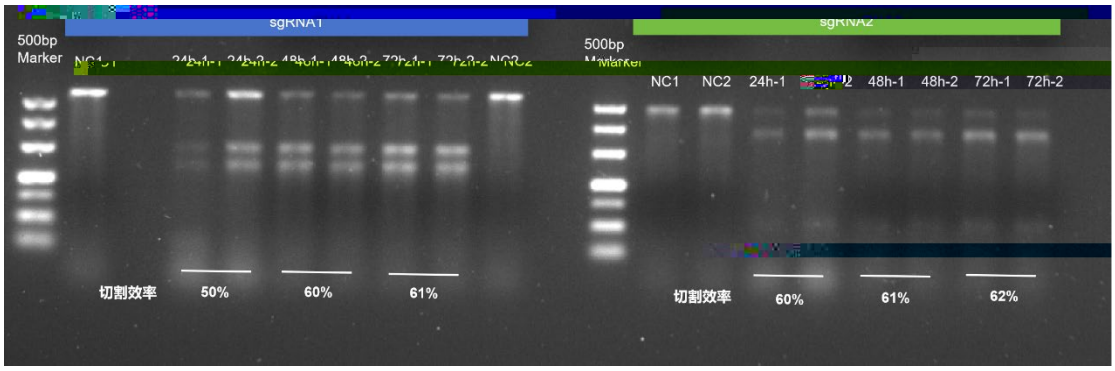
RNase

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