



高效率 Gene Editing Start Here

CRISPRcraft™ S.p. Cas9 Nuclease

- 重組wild-type *Streptococcus pyogenes* Cas9 nuclease (含NLS)
- 高品質蛋白 (QC品質保證: Purity > 95%, Endotoxin < 10 EU/mg)
- 濃度高 (10mg/mL, 62 μM)配合多種Transfection方式



強而穩定的基因編輯

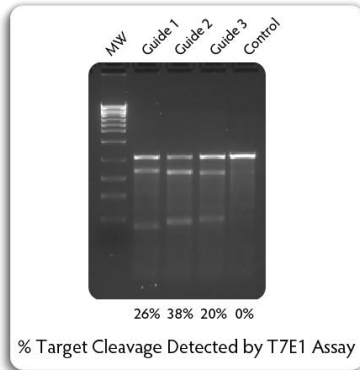


Figure 1: *In vivo* gene editing with different guide RNA sequences. HEK293T cells were independently transfected in triplicate with RNP containing CRISPRcraft™ S.p. Cas9 Nuclease and three different guides, each targeting a different loci within human HPRT. Transfections were performed using 20 nM guide and 10 nM Cas9 (2:1 guide:Cas9 molar ratio). Cleavage efficiency at each HPRT locus was determined using the T7E1 mismatch detection assay, 48 hours post-transfection.

不同方法均有高轉染效率!

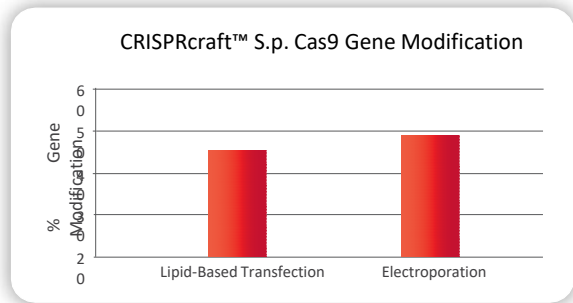


Figure 2: Comparing delivery methods with CRISPRcraft S.p. Cas9 Nuclease. HEK293T cells were transfected with RNP containing guide RNA targeting human HPRT1 locus CRISPRcraft™ S.p. Cas9 Nuclease, using either lipid-based or electroporation transfection methods. Percent gene modification was evaluated using T7E1 assay.

Product	Size	Cat. No.
CRISPRcraft™ S.p. Cas9 Nuclease, 120 ug at 10 mg/mL (62 uM)	120 ug	70020-1
CRISPRcraft™ S.p. Cas9 Nuclease, 400 ug at 10 mg/mL (62 uM)	400 ug	70020-2
CRISPRcraft™ S.p. Cas9 Nuclease Control Kit	10 rxns	70030-1



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