pET-28b-T7-henAsCas12a-HF1(E174R-N282A-S542R-K548R)-NLS(nucleoplasmin)-6xHis(AAS1935)

Vector ID	V017472
Antibiotic Resistance	Kanamycin
Length	9213 bp
Vector Type	Gene knockout
Host	E. coli

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pET-28b-T7-henAsCas12a-HF1(E174R-N282A-S542R-K548R)-NLS(nucleoplasmin)-6xHis(AAS1935) is a T7 promoter bacterial expression plasmid for human codon optimized enAsCas12a-HF1(E174R/N282A/S542R/K548R) with C-terminal NLS and His-tag.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.