

Cas12b Nuclease from *Alicyclobacillus acidoterrestris*

Product Information

Cat#	CAS-1208
Source	E. coli
Description	AacCas12b (C2c1) derived from <i>Alicyclobacillus acidoterrestris</i> . Optimal temp 48°C. Dual-RNA guided (crRNA+tracrRNA or sgRNA). Cleaves dsDNA (PAM 5'-TTN) generating sticky ends. Also used for nucleic acid detection (HOLMESv2). Instructions: Store sgRNA at -80°C.
Abbr	AacCas12b
Applications	dsDNA cleavage; Nucleic acid detection.
Appearance	Liquid
Species	<i>Alicyclobacillus acidoterrestris</i>
Concentration	10 µM
Grade	Research Grade
Composition	AacCas12b Nuclease 10 × Buffer Control Target DNA and sgRNA 6× Cas-STOP Loading Buffer