AsCas12a (Cpf1)

AsCas12a (Cpf1) is a member of the Cas12a family of proteins. Derived from Acidaminococcus sp. Cas12a. It binds with crRNA to form functional complex, that specifically recognizes DNA sequences, and trans-cleaves ssDNA

As Cas12a forms a functional complex with crRNA, "gliding" over the amplification product of the DNA, and upon successful pairing, Cas12a is specifically activated, trans-cleaving the surrounding reporter molecule. This feature can be used in the field of molecular diagnostics to detect pathogens.

Material Supplied:

1) AsCas12a protein

2) Reaction Buffer [10x]

3) Diluent Buffer [1x]

Catalog No.	518012
Size	2,000 pmol / 200 pmol
Product Category	Isothermal Amplification
Storage/Stability	-20°C/1 year
Shipping	Gel Packs