



LbuCas13a (C2c2) (from *Leptotrichia buccalis*)

Lbu Cas13a (C2c2) (from *Leptotrichia wadei*) is a member of the Cas13a family of proteins. Derived from *Leptotrichia buccalis*. It binds with crRNA to form functional complex, that specifically recognizes DNA sequences, and trans-cleaves ssRNA.

Lwa Cas13a forms a functional complex with crRNA, "gliding" over target RNA, and upon successful pairing, Cas13 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) Lbu Cas131 protein
- 2) Reaction Buffer [10x]
- 3) Diluent Buffer [1x]

Catalog No.	518017
Size	500 pmol / 1,000 pmol
Product Category	Isothermal Amplification
Storage/Stability	-20°C/1 year
Shipping	Gel Packs