

# Recombinant Alicyclobacillus acidiphilus AapCas12b Protein

**Cat. No.** AapCas12b-017A    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Alicyclobacillus acidiphilus Cas12b is expressed in E. coli with two C-terminal nuclear localization signals (NLS) |
| <b>Species</b>          | Alicyclobacillus acidiphilus                                                                                                   |
| <b>Source</b>           | E. coli                                                                                                                        |
| <b>Purity</b>           | ≥90%                                                                                                                           |
| <b>Application</b>      | Tag-free Cas12b is used for genome editing with CRISPR technology and CRISPR-mediated in vitro applications.                   |
| <b>Stability</b>        | 6 months from receipt when stored as directed. Avoid repeated freeze/thaw cycles.                                              |
| <b>Storage</b>          | At -80 centigrade.                                                                                                             |
| <b>Storage Buffer</b>   | 10 mM Tris-Cl pH 8.0, 250 mM NaCl, 50% glycerol                                                                                |
| <b>Concentration</b>    | ~ 5 mg/mL                                                                                                                      |
| <b>Shipping</b>         | Dry ice                                                                                                                        |

## GENE INFORMATION

|                        |           |
|------------------------|-----------|
| <b>Official Symbol</b> | AapCas12b |
|------------------------|-----------|

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**Synonyms**

AapCas12b

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