



# CRISPR

Mini-Catalog

# CRISPR



## Signaling You To The Right Path

SignalChem Biotech Inc. is a Canadian company focused on the research, development, and production of innovative and high-quality human recombinant cell signaling products. SignalChem strives to support scientists in academia, pharma, and biotech companies around the world by creating effective CRISPR enzymes to expedite R&D of CRISPR-based in-vitro diagnostics for the deadliest diseases.



## **What We Are Good At**

Our scientists manufacture active enzymes and novel assays following strict QA/QC standards using our state of the art manufacturing facility.

**In House Manufacturing**  
**Superior Quality**  
**Exceptional Team**





Catalog No: C12B1-E311U

## AapCas12b

Recombinant tag-free *Alicyclobacillus acidiphilus* AapCas12b was expressed in *E. coli* cells.



Functionally validated  
with fluorescent  
cleavage assay



Low  
off-target activity



Highly Compatible  
with most diagnostic  
applications

### Available Pack Sizes



From as small as 50 pmol to Bulk order

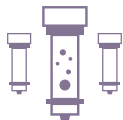
For inquiries please email  
[info@signalchem.com](mailto:info@signalchem.com)



Catalog No: CS13A-E322U

## LbuCas13a

Recombinant tag-free *Leptotrichia buccalis* LbuCas13a was expressed in *E. coli* cells.



High protein concentration



Highly Compatible with most diagnostic applications



Low off-target activity

Available Pack Sizes



From as small as 50 pmol to Bulk order

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Catalog No: C12CR-E241G

## Cas12 (LbCpf1), Active

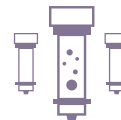
Recombinant *Lachnospiraceae* Cas12 (LbCpf1) (1-1227) was expressed in *E. coli* with a N-terminal GST tag.



Functionally validated with fluorescent cleavage assay



Low off-target activity



High protein concentration

Available Pack Sizes



From as small as 50 pmol to Bulk order

For inquiries please email [info@signalchem.com](mailto:info@signalchem.com)



Catalog No: C12CR-E241H

## Cas12 (LbCpf1), Active

Recombinant Lachnospiraceae Cas12 (LbCpf1) (1-1227) was expressed in *E. coli* with a C-terminal His-tag.



Functionally validated with fluorescent cleavage assay



Low off-target activity



Highly Compatible with most diagnostic applications



High protein concentration



Highly Compatible with most diagnostic applications



Low off-target activity

Available Pack Sizes



From as small as 50 pmol to Bulk order

For inquiries please email [info@signalchem.com](mailto:info@signalchem.com)



Available Pack Sizes



From as small as 50 pmol to Bulk order

For inquiries please email [info@signalchem.com](mailto:info@signalchem.com)

Catalog No: CS06-E311H

## TtCsm6

Recombinant *Thermus thermophilus* TtCsm6 was expressed in *E. coli* cells using a C-terminal His-tag.



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