

Datasheet for ABIN3235001

## Human KRT18P55 CRISPR gRNA + Cas9 in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

### Overview

|              |   |
|--------------|---|
| Quantity:    | 1 kit   |
| Gene:        | KRT18P55  |
| Species:     | Human   |
| Fusion tag:  | Myc-DYKDDDDK Tag                                |
| Insert:      | gRNA + Cas9                                     |
| Vector:      | Mammalian Expression Vector                     |
| Application: | Genome Editing with Engineered Nucleases (GEEN) |

### Product Details

|                       |  |
|-----------------------|--|
| Purpose:              | Knockout Kit for Human FLJ40504 via CRISPR.  |
| Vector Backbone:      | pCas-Guide   |
| Promoter:             | U6 Promoter, Enhanced CMV Promoter   |
| Bacterial Resistance: | Ampicillin   |
| Expression Type:      | Transient  |
| Characteristics:      | <ul style="list-style-type: none"> <li>The FLJ40504 kit is designed based on the best knowledge of CRISPR technology.</li> <li>The system has been functionally validated for knocking-in the cassette downstream the native promoter.</li> <li>The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.</li> </ul> |
| Sequencing Primer:    | CF3 (ACGATACAAGGCTGTTAGAGAG)   |
| Components:           | <ul style="list-style-type: none"> <li>FLJ40504 gRNA vector 1 in pCAS-Guide vector.</li> <li>FLJ40504 gRNA vector 2 in pCAS-Guide vector.</li> <li>Donor vector containing Left and right homologous arms and GFP-Puro functional cassette.</li> </ul>   |

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Product Details

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- Scramble sequence in pCas-Guide vector

## Target Details

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Gene: KRT18P55

Alternative Name: FLJ40504 ([KRT18P55 Products](#))

## Application Details

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Application Notes: 

- Knock-in GFP reporter for promoter study.
- Knock-out genes at chromosomal level.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: -20 °C

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)