

Datasheet for ABIN5478943

## Rat NP4 ORF Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

### Overview

|              |                             |
|--------------|-----------------------------|
| Quantity:    | 10 µg                       |
| Gene:        | NP4                         |
| Species:     | Rat                         |
| Fusion tag:  | Myc-DYKDDDDK Tag            |
| Insert:      | ORF                         |
| Vector:      | Mammalian Expression Vector |
| Application: | Protein Expression (PEXP)   |

### Product Details

|                       |  |
|-----------------------|--|
| Purpose:              | Mammalian Vector with ORF clone of Rat defensin NP-4 precursor (Np4)   |
| Brand:                | TrueORF  |
| Insert Length:        | 282 bp   |
| Vector Backbone:      | pCMV6-Entry  |
| Promoter:             | CMV Promoter   |
| Bacterial Resistance: | Kanamycin  |
| Expression Type:      | Transient  |
| Specificity:          | Restriction Site: SgfI-MluI  |
| Sequencing Primer:    | VP1.5 (forward) 5'GGACTTTCCAAAATGTCTG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3'   |
| Grade:                | End-sequenced  |
| Components:           | The ORF clone is ion-exchange column purified, transfection-ready dried plasmid DNA, and shipped with 2 vector sequencing primers. |

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

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## Target Details

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Gene: NP4

Background: Antimicrobial peptide found in cytoplasmic granules of neutrophils [RGD, Feb 2006].

NCBI Accession: [NM\\_173299](#), [NP\\_775421](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: 4 °C/-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)