

Datasheet for ABIN3330918

## Mouse MRGPRB3 cDNA Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

### Overview

|              |                             |
|--------------|-----------------------------|
| Quantity:    | 10 µg                       |
| Gene:        | Mrgprb3 (MRGPRB3)           |
| Species:     | Mouse                       |
| Insert:      | cDNA                        |
| Vector:      | Mammalian Expression Vector |
| Application: | Protein Expression (PEXP)   |

### Product Details

|                       |  |
|-----------------------|--|
| Purpose:              | Untagged full-length cDNA clone from Mouse (Murine) Mrgprb3 is ideal for over-expression of native protein for functional studies.   |
| Brand:                | TrueClones®  |
| Insert Length:        | 939 bp   |
| Vector Backbone:      | pCMV6-Entry  |
| Promoter:             | Enhanced CMV Promoter  |
| Selectable Marker:    | Neomycin   |
| Bacterial Resistance: | Kanamycin  |
| Expression Type:      | Transient  |
| Specificity:          | Restriction Site: SgfI-MluI. With the native stop codon at the end of the ORF the C-terminal Myc-DDK tag in the vector won't be expressed.   |
| Characteristics:      | <ul style="list-style-type: none"> <li>• These cDNA clones are isolated from full-length cDNA libraries and usually contain the coding sequence as well as the untranslated regions (UTRs) of the mRNA transcript appropriate to the library from which they were isolated.</li> </ul> |

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## Product Details

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- These cDNA clones are ideal for over-expression of native proteins for functional studies. Provided as 10 µg transfection-ready plasmids.
- Every lot of primer is tested to provide clean sequencing of cDNA clones.

|                    |  |
|--------------------|--|
| Purification:      | The DNAs were purified using PowerPrep HP Plasmid isolation kits for transfection ready plasmids.  |
| Sequencing Primer: | VP1.5 (forward) 5'GGACTTTCCAAAATGTCTG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3'   |
| Grade:             | End-sequenced  |
| Components:        | <ul style="list-style-type: none"><li>• The cDNA clone is shipped in a 2-D bar-coded Matrix tube as dried plasmid DNA.</li><li>• The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.</li></ul> |

## Target Details

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|                   |   |
|-------------------|---|
| Gene:             | Mrgprb3 (MRGPRB3)                                     |
| Alternative Name: | Mrgprb3   |
| NCBI Accession:   | <a href="#">NM_207537</a> , <a href="#">NP_997420</a> |

## Application Details

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|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

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|                  |   |
|------------------|---|
| Format:          | Lyophilized   |
| Storage:         | RT,-20 °C   |
| Storage Comment: | The lyophilized plasmid is stable for up to one year when stored at ambient temperature. Following dissolution in 100 µL dH2O, store at -20 °C. Lyophilized primers are stable for up to one year when stored at ambient temperature. Following dissolution in 10 µL dH2O, store at -20 °C. |
| Expiry Date:     | 12 months   |

## Publications

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