

## Product datasheet for **MP211640**

### **Pnck Mouse qPCR Primer Pair (NM\_012040)**

#### **Product data:**

|                          |                                                                                                                                                                                                                                                                                                                                               |
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| <b>Product Type:</b>     | qPCR Primer Pairs                                                                                                                                                                                                                                                                                                                             |
| <b>Gene ID:</b>          | 93843                                                                                                                                                                                                                                                                                                                                         |
| <b>Forward Sequence:</b> | GCTGTCTCCTACCTTCATAGCC                                                                                                                                                                                                                                                                                                                        |
| <b>Reverse Sequence:</b> | GCCTAGCATGTTGCCAGCTTGT                                                                                                                                                                                                                                                                                                                        |
| <b>ACCN:</b>             | <u><a href="#">BC055891</a></u> , <u><a href="#">NM_012040</a></u> , <u><a href="#">NM_012040.1</a></u> , <u><a href="#">NM_012040.2</a></u> , <u><a href="#">NM_012040.3</a></u> , <u><a href="#">BC051996</a></u>                                                                                                                           |
| <b>UniProt ID:</b>       | <u><a href="#">Q9QYK9</a></u>                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms:</b>         | Bstk3; Camk1b; CaMKIb2; caMKIb1; CaMKIb2; Punc                                                                                                                                                                                                                                                                                                |
| <b>Components:</b>       | 1 vial of lyophilized qSTAR qPCR primer mix (1 nmol each primer, sufficient for 200 reactions).<br>Before use, reconstitute the primer mix in 200 µl dH2O to make a final concentration of 10 µM.                                                                                                                                             |
| <b>Quality Control:</b>  | The primer mix has been tested to generate satisfactory qPCR data on ABI 7900HT by using the following PCR program: Stage 1: Activation: 50 °C for 2 min; Stage 2: pre-soak: 95 °C for 10 min; Stage 3: Denaturation: 95 °C for 15 sec, Annealing: 60°C for 1 min; Stage 4: Melting curve: 95°C for 15 sec, 60°C for 15 sec, 95°C for 15 sec. |
| <b>Storage:</b>          | Store at -20°C.                                                                                                                                                                                                                                                                                                                               |
| <b>Stability:</b>        | The primer mix is stable for one year from date of shipping.                                                                                                                                                                                                                                                                                  |

