

## Product datasheet for **HP208236**

### **PD1 (PDCD1) Human qPCR Primer Pair (NM\_005018)**

#### **Product data:**

|                          |                                                                                                                                                                                                                                                                                                                                               |
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| <b>Product Type:</b>     | qPCR Primer Pairs                                                                                                                                                                                                                                                                                                                             |
| <b>Gene ID:</b>          | 5133                                                                                                                                                                                                                                                                                                                                          |
| <b>Forward Sequence:</b> | AAGGCGCAGATCAAAGAGAGCC                                                                                                                                                                                                                                                                                                                        |
| <b>Reverse Sequence:</b> | CAACCACCAGGGTTTGGAAGT                                                                                                                                                                                                                                                                                                                         |
| <b>ACCN:</b>             | <u>NM_005018</u> , <u>NM_005018.1</u> , <u>NM_005018.2</u> , <u>BC074740</u> , <u>BC074740.2</u> , <u>NM_005018.3</u>                                                                                                                                                                                                                         |
| <b>UniProt ID:</b>       | <u>Q15116</u>                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms:</b>         | CD279; hPD-1; hPD-I; hSLE1; PD-1; PD1; SLEB2                                                                                                                                                                                                                                                                                                  |
| <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 dH <sub>2</sub> O 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.                                                                                                                                                                                                                                                                                  |

