

## Product datasheet for **MP214944**

### **S100a1 Mouse qPCR Primer Pair (NM\_011309)**

#### **Product data:**

|                   |                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:     | qPCR Primer Pairs                                                                                                                                                                                                                                                                                                                             |
| Gene ID:          | 20193                                                                                                                                                                                                                                                                                                                                         |
| Forward Sequence: | AGAACTGAAAGACCTGCTACAAAC                                                                                                                                                                                                                                                                                                                      |
| Reverse Sequence: | CTCCGTTTTTCATCCAGTTCCTTC                                                                                                                                                                                                                                                                                                                      |
| ACCN:             | <u>BC005590</u> , <u>NM_011309</u> , <u>NM_011309.1</u> , <u>NM_011309.2</u> , <u>NM_011309.3</u>                                                                                                                                                                                                                                             |
| UniProt ID:       | <u>P56565</u>                                                                                                                                                                                                                                                                                                                                 |
| Synonyms:         | AI266795; S100; S100a                                                                                                                                                                                                                                                                                                                         |
| Components:       | 1 vial of lyophilized qSTAR qPCR primer mix (1 nmol each primer, sufficient for 200 reactions). Before use, reconstitute the primer mix in 200 µl dH <sub>2</sub> O to make a final concentration of 10 µM.                                                                                                                                   |
| Quality Control:  | 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. |
| Storage:          | Store at -20°C.                                                                                                                                                                                                                                                                                                                               |
| Stability:        | The primer mix is stable for one year from date of shipping.                                                                                                                                                                                                                                                                                  |



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