

## Product datasheet for **HP233460**

### ATP5A (ATP5A1) Human qPCR Primer Pair (NM\_004046)

#### Product data:

|                   |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:     | qPCR Primer Pairs                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID:          | 498                                                                                                                                                                                                                                                                                                                                                                                                        |
| Forward Sequence: | GCTCCTTACTCTGGCTGTTCCA                                                                                                                                                                                                                                                                                                                                                                                     |
| Reverse Sequence: | GCGGAGCAACAGAGACATCTGA                                                                                                                                                                                                                                                                                                                                                                                     |
| ACCN:             | <u>NM_004046</u> , <u>NM_004046.1</u> , <u>NM_004046.2</u> , <u>NM_004046.3</u> , <u>NM_004046.4</u> , <u>NM_004046.5</u> , <u>BC019310</u> , <u>BC003119</u> , <u>BC007299</u> , <u>BC008028</u> , <u>BC011384</u> , <u>BC016046</u> , <u>BC028335</u> , <u>BC035703</u> , <u>BC039135</u> , <u>BC042694</u> , <u>BC064562</u> , <u>BC067385</u> , <u>BT007209</u> , <u>BT008250</u> , <u>NM_004046.6</u> |
| UniProt ID:       | <u>P25705</u>                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms:         | ATP5A; ATP5A1; ATP5AL2; ATPM; COXPD22; hATP1; HEL-S-123m; MC5DN4; MOM2; OMR; ORM                                                                                                                                                                                                                                                                                                                           |
| 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 dH2O 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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