

Product datasheet for **HP226163**

ERK1 (MAPK3) Human qPCR Primer Pair (NM_002746)

Product data:

Product Type:	qPCR Primer Pairs
Gene ID:	5595
Forward Sequence:	TGGCAAGCACTACCTGGATCAG
Reverse Sequence:	GCAGAGACTGTAGGTAGTTTCGG
ACCN:	<u>NM_002746</u> , <u>NM_002746.1</u> , <u>NM_002746.2</u> , <u>BC013992</u> , <u>BC013992.1</u> , <u>BC000205</u> , <u>BX537897</u> , <u>NM_002746.3</u>
UniProt ID:	<u>P27361</u>
Synonyms:	ERK-1; ERK1; ERT2; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK; P44ERK1; P44MAPK; PRKM3
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 ₂ 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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