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Product datasheet for SC208617

ERK1 (MAPK3) (NM_002746) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ERK1 (MAPK3) (NM_002746) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MAPK3
Synonyms:	ERK-1; ERK1; ERT2; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK; P44ERK1; P44MAPK; PRKM3
ACCN:	NM_002746
Insert Size:	666 bp
Insert Sequence:	>SC208617 3'UTR clone of NM_002746 The sequence shown below is from the reference sequence of NM_002746. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTCCAGCCCGGAGTGCTGGAGGCCCCCTAGCCCAGACAGACATCTCTGCACCCTGGGGCCTGGACCTGC CTCCTGCCTGCCCCTCTCCCGCCAGACTGTTAGAAAATGGACACTGTGCCCAGCCCGGACCTTGGCAGC CCAGGCCGGGGTGGAGCATGGGCCTGGCCACCTCTCTCCTTTGCTGAGGCCTCCAGCTTCAGGCAGGCC AAGGCCTTCTCCTCCCCACCCGCCCTCCCCACGGGGCCTCGGGACCTCAGGTGGCCCCAGTTCAATCTC CCGCTGCTGCTGCTGCGCCCTTACCTTCCCCAGCGTCCCAGTCTCTGGCAGTTCTGGAATGGAAGGGTT CTGGCTGCCCCAACCTGCTGAAGGGCAGAGGTGGAGGGTGGGGGGCGCTGAGTAGGGACTCAGGGCCAT GCCTGCCCCCCTCATCTCATTCAAACCCCACCCTAGTTTCCCTGAAGGAACATTCCTTAGTCTCAAGGG CTAGCATCCCTGAGGAGCCAGGCCGGGCCGAATCCCCTCCCTGTCAAAGCTGTCACTTCGCGTGCCCTC GCTGCTTCTGTGTGTGGTGAGCAGAAGTGGAGCTGGGGGGCGTGGAGAGCCCGGCGCCCCTGCCACCTC CCTGACCCGTCTAATATATAAATATAGAGATGTGTCTATGGCTGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

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RefSeq:	NM_002746.3
Summary:	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described. [provided by RefSeq, Jul 2008]
Locus ID:	5595
MW:	24