

Product datasheet for SC208618

ERK1 (MAPK3) (NM_001109891) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ERK1 (MAPK3) (NM_001109891) Human 3' UTR Clone
Symbol:	ERK1
Synonyms:	ERK-1; ERK1; ERT2; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK; P44ERK1; P44MAPK; PRKM3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001109891
Insert Size:	666 bp
Insert Sequence:	<p>>SC208618 3'UTR clone of NM_001109891</p> <p>The sequence shown below is from the reference sequence of NM_001109891. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TTCCAGCCCGGAGTGCTGGAGGCCCTTAGCCAGACAGACATCTCTGCACCTGGGGCCTGGACCTGC
CTCCTGCCTGCCCTCTCCGCCAGACTGTTAGAAAATGGACACTGTGCCAGCCCGACCTTGGCAGC
CCAGGCCGGGTGGAGCATGGGCTGGCACCTCTCTCTTTGCTGAGGCTCCAGCTTCAGGCAGGCC
AAGGCTTCTCTCCCAACCGCCCTCCCAAGGGGCTCGGGACCTCAGGTGGCCCAAGTTCAATCTC
CCGCTGCTGCTGCTGCGCCCTTACCTTCCCAAGCTCCAGTCTCTGGCAGTTCTGGAATGGAAGGGTT
CTGGCTGCCCCAACCTGCTGAAGGGCAGAGGTGGAGGGTGGGGGGCGCTGAGTAGGACTCAGGGCCAT
GCCTGCCCCCTCATCTCATTCAAACCCACCTAGTTTCCCTGAAGGAACATTCTTAGTCTCAAGGG
CTAGCATCCCTGAGGAGCCAGGCCGGGCCGAATCCCTCCCTGTCAAAGCTGTCACTTCGCGTGCCCTC
GCTGCTTCTGTGTGGTGAGCAGAAAGTGAGCTGGGGGGCGTGAGAGCCCGGCCCTGCCACCTC
CCTGACCCGTCTAATATATAAATATAGAGATGTGTCTATGGCTGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).


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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.
RefSeq:	<u>NM_001109891.2</u>
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