

Product datasheet for SC205129

MEK5 (MAP2K5) (NM_145160) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MEK5 (MAP2K5) (NM_145160) Human 3' UTR Clone
Symbol:	MEK5
Synonyms:	HsT17454; MAPKK5; MEK5; PRKMK5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_145160
Insert Size:	394 bp
Insert Sequence:	>SC205129 3'UTR clone of NM_145160 The sequence shown below is from the reference sequence of NM_145160. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGAGGCGGAGCCAGCAGGGGCCCCCGTGAGGCTGCCGCAGGGCACTGAAAGCCCAGGACCAGTAACCA
AGGAGAACAACCCACCCGTCGCCCTTCTCCGTATGCTGCCTGCCCAGAAGAGCTTTGCTGGGCCCTGG
CTTCCCTGCCCTCGCCTCACCTCTGTCAGCAGGTGGCCTTGCCGGGGAGCCCCATGTGTGCCACC
CCACCAGGCCATCCCCATACCTTCTGGTTGAAGGCGCTGACACTGGCAGAGAGGTAAGGGTGGGGCA
TTGAGAATGGAGGCTCCAGGGTCCCTGCCACTTCTGTTTTCTAATGTTTTCTATAAAGGGTCA
GGCCCGTCAGCATCACTGATGGGAATAAAAGTATTAATGCTTTGTGACA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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_145160.3](#)

Summary: The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been described. [provided by RefSeq, May 2011]

Locus ID: 5607

MW: 14.5