

Product datasheet for SC210702

MCK10 (DDR1) (NM_001954) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MCK10 (DDR1) (NM_001954) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DDR1
Synonyms: CAK; CD167; DDR; EDDR1; HGK2; MCK10; NEP; NTRK4; PTK3; PTK3A; RTK6; TRKE
ACCN: NM_001954
Insert Size: 890 bp
Insert Sequence: >SC210702 3'UTR clone of NM_001954
 The sequence shown below is from the reference sequence of NM_001954. 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
CTGGCAGAGGATGCACTCAACACGGTGTGAATCACACATCCAGCTGCCCTCCCTCAGGGAGCGATCCA
GGGGAAGCCAGTGACACTAAAACAAGAGGACACAATGGCACCTCTGCCCTTCCCCTCCGACAGCCCAT
CACCTCTAATAGAGGCAGTGAGACTGCAGGTGGGCTGGGCCACCCAGGGAGCTGATGCCCTTCTCCC
CTTCTGGACACACTCTCATGTCCCCTTCTGTTCTTCTTCTAGAAAGCCCTGTGCCACCCAGCT
GGTCTGTGGATGGGATCCTCTCCACCCTCCTCTAGCCATCCCTTGGGGAAGGGTGGGGAGAAATATAG
GATAGACACTGGACATGGCCATTGGAGCACCTGGGCCCACTGGACAACACTGATTCTGGAGAGGTG
GCTGCCCCCCAGCTTCTCTCCCTGTCACACACTGGACCCCACTGGCTGAGAATCTGGGGGTGAGGA
GGACAAGAAGGAGAGGAAAATGTTTCTTGTGCCTGCTCCTGTACTTGTCTCAGCTTGGGCTTCTTCC
TCCTCCATCACCTGAAACACTGGACCTGGGGGTAGCCCCGCCCCAGCCCTCAGTCACCCCACTTCCCA
CTTGCAGTCTTGTAGCTAGAACTTCTAAGCCTATACGTTTCTGTGGAGTAAATATTGGGATTGGGGG
GAAAGAGGGAGCAACGGCCCATAGCCTTGGGGTTGGACATCTCTAGTGTAGCTGCCACATTGATTTTTC
TATAATCACTTGGGGTTTGTACATTTTTGGGGGAGAGACACAGATTTTACACTAATATATGGACCTA
GCTTGAGGCAATTTAATCCCCTGCACTAGGCAGTAATAATAAAGGTTGAGTTTTCCACAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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:	NM_001954.5
Summary:	Receptor tyrosine kinases play a key role in the communication of cells with their microenvironment. These kinases are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011]
Locus ID:	780
MW:	32