

## Product datasheet for **SC210703**

### **MCK10 (DDR1) (NM\_013993) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MCK10 (DDR1) (NM\_013993) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** DDR1  
**Synonyms:** CAK; CD167; DDR; EDDR1; HGK2; MCK10; NEP; NTRK4; PTK3; PTK3A; RTK6; TRKE  
**ACCN:** NM\_013993  
**Insert Size:** 890 bp  
**Insert Sequence:** >SC210703 3'UTR clone of NM\_013993  
 The sequence shown below is from the reference sequence of NM\_013993. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGCAGAGGATGCACTCAACACGGTGTGAATCACACATCCAGCTGCCCTCCCTCAGGGAGCGATCCA
GGGGAAGCCAGTGACACTAAAACAAGAGGACACAATGGCACCTTGCCCTTCCCCTCCGACAGCCCAT
CACCTCTAATAGAGGCAGTGAGACTGCAGGTGGGCTGGGCCACCCAGGGAGCTGATGCCCTTCTCCC
CTTCTGGACACTCTCATGTCCCCTTCTGTTCTTCTTCTAGAAAGCCCTGTGCCCCACCCAGCT
GGTCTGTGGATGGGATCCTCTCCACCCTCCTCTAGCCATCCCTTGGGGAAGGGTGGGGAGAAATATAG
GATAGACTGGACATGGCCATTGGAGCACCTGGGCCCACTGGACAACACTGATTCTGGAGAGGTG
GCTGCCCCCCAGCTTCTCTCCCTGTCACACTGGACCCCACTGGCTGAGAATCTGGGGGTGAGGA
GGACAAGAAGGAGAGGAAAATGTTTCTTGTGCCTGCTCCTGTACTTGTCTCAGCTTGGGCTTCTTCC
TCCTCCATCACCTGAAACACTGGACCTGGGGGTAGCCCCGCCCCAGCCCTCAGTCACCCCACTTCCCA
CTTGCACTTGTAGCTAGAACTTCTAAGCCTATACGTTTCTGTGGAGTAAATATTGGGATTGGGGG
GAAAGAGGGAGCAACGGCCCATAGCCTTGGGGTTGGACATCTCTAGTGTAGCTGCCACATTGATTTTC
TATAATCACTTGGGGTTTGTACATTTTTGGGGGAGAGACACAGATTTTACACTAATATATGGACCTA
GCTTGAGGCAATTTAATCCCCTGCACTAGGCAGTAATAATAAAGGTTGAGTTTTCCACAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_013993.3</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	780
<b>MW:</b>	32