

Product datasheet for **SC204579**

Midkine (MDK) (NM_002391) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Midkine (MDK) (NM_002391) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MDK
Synonyms:	ARAP; MK; NEGF2
ACCN:	NM_002391
Insert Size:	337 bp
Insert Sequence:	>SC204579 3'UTR clone of NM_002391 The sequence shown below is from the reference sequence of NM_002391. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAAGCCAAGAAAGGGAAGGAAAGGACTAGACGCCAAGCCTGGATGCCAAGGAGCCCTGGTGTACAT GGGGCCTGGCCACGCCCTCCCTCTCCAGGCCGAGATGTGACCCACCAGTGCCCTTGTCTGCTCGT TAGCTTTAATCAATCATGCCCTGCCCTTGTCCCTCTCACTCCCCAGCCCCACCCTAAGTGCCCAAAGTG GGGAGGGACAAGGATTCTGGGAAGCTTGAGCCTCCCCCAAAGCAATGTGAGTCCCAGAGCCGCTTTT GTTCTTCCCACAATTCCACTAAGAAACACATCAAATAAACTGACTTTTTCCCCCAA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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.
RefSeq:	<u>NM_002391.6</u>



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Summary: This gene encodes a member of a small family of secreted growth factors that binds heparin and responds to retinoic acid. The encoded protein promotes cell growth, migration, and angiogenesis, in particular during tumorigenesis. This gene has been targeted as a therapeutic for a variety of different disorders. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2012]

Locus ID: 4192

MW: 12.3