

Product datasheet for **RG203995**

Midkine (MDK) (NM_001012333) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Midkine (MDK) (NM_001012333) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: Midkine
Synonyms: ARAP; MK; NEGF2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG203995 representing NM_001012333
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGCACCGAGGCTTCTCCTCCTCACCTCCTCGCCCTGCTGGCGCTCACCTCCGCGGTGCGCAAAA
AGAAAGATAAGGTGAAGAAGGGCGGCCGGGAGCGAGTGCCTGAGTGGGCTGGGGCCCTGCACCCC
CAGCAGCAAGGATTGCGGCTGGGTTCCGCGAGGGCACCTGCGGGCCAGACCCAGCGCATCCGGTGC
AGGGTGCCTGCAACTGGAAGAAGGAGTTGGAGCCGACTGCAAGTACAAGTTTGAGAACTGGGGTGCCT
GTGATGGGGGCACAGGCACCAAAGTCCGCCAAGGCACCCTGAAGAAGGGCGCTACAATGCTCAGTGCCA
GGAGACCATCCGCGTCACCAAGCCCTGCACCCCAAGACCAAAGCAAAGCCAAAGCAAGAAAGGGAAG
GGAAAGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG203995 representing NM_001012333
Red=Cloning site Green=Tags(s)

MQHRGFLLLTLLALLALTSAVAKKKDKVKKGGPGSECAEWAWGPCTPSSKDCGVGFREGTCAQTQRIRC
RVPCNWKKEFGADCKYKFENWGACDGGTGKVRQGLKARYNAQCQETIRVTKPCTPKTKAKAKKGGK
GKD

TRTRPLE - GFP Tag - V

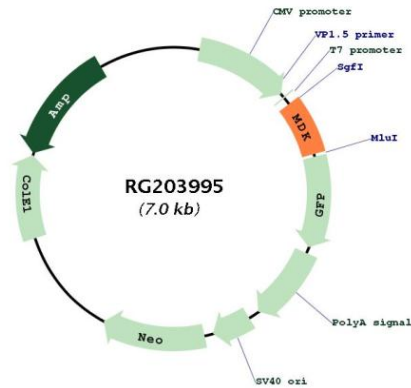
Restriction Sites: Sgfl-MluI



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| | |
|-------------------|---|
| Cytogenetics: | 11p11.2 |
| Protein Families: | Druggable Genome, Secreted Protein, Transmembrane |
| Gene 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] |

Product images:



Circular map for RG203995