

Product datasheet for **SC203031**

MGP (NM_000900) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MGP (NM_000900) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MGP
Synonyms: GIG36; MGLAP; NTI
ACCN: NM_000900
Insert Size: 1305 bp
Insert Sequence: >SC203031 3'UTR clone of NM_000900

The sequence shown below is from the reference sequence of NM_000900. 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
TACTTCAGGAAGCGCCGAGGGACCAAATGAGACTGAGGGAAGAAAAAATCTCTTTTTTCTGGAGGC
TGGCACCTGATTTTGTATCCCCCTGTAGCAGCATTACAGAAATACATAGGCTTATATACAATGCTTCTT
TCCTGTATATTCTCTTGTCTGGCTGCACCCCTTTTTCCGCCCCAGATTGATAAGTAATGAAAGTGCA
CTGCAGTGAGGGTCAAAGGAGAGTCAACATATGTGATTGTTCCATAATAAACTTCTGGTGTGATACTTT
CATCTTGTAATCTGCTTTCTTTGGGAAGATATTGAGATATTTAAATCATGGCCACCTTACCCAAAA
TAGGAGATTCTGTTCATCTCATATCTAGTATTAATTAGAAAAATAACTACATAAAAAAGAAGGAAAGCTAA
GAAGGCACTCACTCAGCCATAAATTCTCTAAACCCTCTCTACCTTGAATCCGTGAATGGAATCTGGTA
TGTTTTTGCAGGATTTTCTATTGTAATTGTGGCAAATACAGGGCTCCCTTCATTTGCTTTTCATCT
CTTATGCATCAAAGTCAAAAACATTTCTGAATCAAGATAATCTAGAAGAGAAAAAAGGAGGAAAAAGGAA
AAGAGAAAAGCAGAAGGGACAAATAAAAGCAATTGGCAAAAAGTCAATAATAGTTTATACACTTAACT
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ATTTTTACTTCTACATTTGTTAAAGTTCCACGCTACATTTTTACTATTCTTGCTTTAAATAATTTTAA
TAATTTCTTTTAAAGTTTAGATAATAAGAAAATATCCCGGCCAGGCACAGTGGCCACACCTGTAATCT
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TAAAAAAGAAAAGAAAAGAAAGATCTCATATATTTACCCATGTAATTTTCATTTCTGTTTTCTTCATT
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TGCAGGATTTCTTAAGTTTTGTATGCTTGTTTTTATTCTTGAAAGATATTTCACTGTATATTGAATCC
CAAGTTGCCACGTTTCTTTAATTATTTAAGGTATTCCACTGAATTCTAGCTTGACAATTTTTCGAT
ATAAAATTTGTTGTAATTTACCTTTGTTCCTGTGTATACTGCATCTTTTATCTCTGGCT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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_000900.5</u>
Summary:	This gene encodes a member of the osteocalcin/matrix Gla family of proteins. The encoded vitamin K-dependent protein is secreted by chondrocytes and vascular smooth muscle cells, and functions as a physiological inhibitor of ectopic tissue calcification. Carboxylation status of the encoded protein is associated with calcification of the vasculature in human patients with cardiovascular disease and calcification of the synovial membranes in osteoarthritis patients. Mutations in this gene cause Keutel syndrome in human patients, which is characterized by abnormal cartilage calcification, peripheral pulmonary stenosis and facial hypoplasia. [provided by RefSeq, Sep 2016]
Locus ID:	4256
MW:	50.9