

Product datasheet for **SC206815**

MTG1 (NM_138384) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	MTG1
Synonyms:	GTP; GTPBP7
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_138384
Insert Size:	2000 bp



Insert Sequence:

>SC206815 3'UTR clone of NM_138384

The sequence shown below is from the reference sequence of NM_138384. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GGCCACCCCCCGGCTGAGACTTTGCCCTGAACCTTGTCGGGTAGGGAGGGCCGGAGGCATGTGGCCTCC
CAGACCTCCTGACCTGGGTGGTTGAGGCTCAAGACAGCTCACCCGGTCCAGAAGCTCCATGCTGGTCAC
TAGGGTGCTGTGCTCTCTGGCGCCCCACAGCCTGGCCAGCTCCAGGGACCCAGTTGACAGGGCCCAAGC
AGGTGGGAGTGGACACAGGCTTCCAGTGGACGTCCCTGAGCAGCTCCGCATGCTTGGTTCTCCCGGA
GCTTCTGCTCAGGCCTTTGAGAAATGGATGCTGTCTCAGAAGGAGTTAAAGCTATAACCTGTAACTT
TAAAAATCTCCAGTTAAAGGGCTGTTTCTTACTGGCCTGTGAGGTGCACCGTAGTGCCTTGGGCTGT
GTGTTAAAGCTGCTCTACCAAGTGAACCTAAGAAATGAGCAGGTTGGCAGCTAGGGTTTGTGTTGGAG
GCTTTCCGTCAGTGTCTTGACGTCTACAACAAGTGAAGGCTTGTGCCATCAGAGAGGTTTATTTTC
ACACTTACAGGCACACAGACACAGACCAGAGACTCCAGCAGCAGAGCCCAAGCACTGGCTTCGCCC
CTCAGTGCCCTGGGCGATGTTGAGGGCAGGGTTGAGGGGGACGCCCTGCACATGGCTTGTGTGCAAT
GACTGGAAGGCCGCCCGCATGGGCAGTAGAGACCCCTGGCCTCTGAGCACCTTCTAGCTCACGGGTAG
TGGGATTCTGCATTAGTGGGCTGAGAGATGTGGGGCCCCCTCAGCCCCATTATAGTGCACCTGAAGG
GGTCCACAGCCTGTGTCTAGAAGAGGGAAGAGGAAGGAAGGTGGGTGGGGCTGGTAGTATGGACTAAG
GTGCTGCAGGACCTGGGGCCAGGGACATCCTGTGCAGAAGCTCCGGCTGCCTCTTTGCGGTGGTGGCCT
GACCGTCCACAGCAGCCTCCACAGGGCCCTGGTGCTCAGTGCCCTCTTTGCTGGCTGGCTGCCTC
TGCTGCCCCATACCCACACTCATCAGCCTGAAGTAGCCCTGAGTGCCACCTGCATCGTGCCATA
ACCCTGACCGCTGGGGCAGGAAGTATTAGGTTGGCTGTGTGAGATGCTAATGTGCTGAATCAACAGT
CATTGCAGATCACGAAGTGTCCATCATACTGGAACATTCCATCAGCTTGACAGTGTGTGGTGTGTGAG
GGTCTGGTGCAGCTCAGCCATTTTCCAGGTGGCATCTGCAAAGTTGAGGGGGCTCCGGTGGGTCTCT
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AGGATCTGGGCGAGGGCTTGGCCTTGGCCTGCTGGTCTTGGAGGCGTTGAGCTTGGTCTGGAAGGGGTG
GAGGAGCGTCTGGGCTCACTGGGCCAGGGGCATTGCTGGCAGTGTGGACGGGAGGCTGCAGGGCGCTGC
CTCCTGTGGCTTAGTGCCCTGGAGCTAGAGAGCAGTGTGGTTGAGTCTGCCAACAGCTTCCAGATC
CTACCCAGGCCAGAACCAGGCCAGCTGGGGAAGGCAGAGGCTGGCAGGGCCCGTGGTGGGTGCTGGT
CTTGACTTTGGTGTCCACTGAGTCCCAGGCTCAGGCCAGGAGGATGCACTCCGGCTGAGGGCGAGG
CTGTCCCCAGGACATGGAGAGGGTGAATCCCAAGGCCACGGCGGGGGCAGGAGAACCCCTCCTACC
CTGGATGAGTGGGTGACTGGAGAGCTAGAGAACGTGGCAGACCCAGACCTCTCAGTGTGAGCCCATG
GAGGATGCCCCAGGCTGGCGGACTGGGAAGCAGAGGGCTGGTCTTAACACAGGTGTGTCCAGTGTCTG
AGGCAAGTCTTGTGCTGACTGTCCAGCGCCACTCCATGTCTCTCCTGTCTTGGATGTTGGGGGGCT
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
    
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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).

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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_138384.4

Summary: Plays a role in the regulation of the mitochondrial ribosome assembly and of translational activity. Displays mitochondrial GTPase activity.[UniProtKB/Swiss-Prot Function]

Locus ID: 92170

MW: 72.6