

## Product datasheet for **SC210785**

### MGAM (NM\_004668) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MGAM (NM_004668) Human 3' UTR Clone
Symbol:	MGAM
Synonyms:	MG; MGA
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004668
Insert Size:	886 bp
Insert Sequence:	>SC210785 3'UTR clone of NM_004668 The sequence shown below is from the reference sequence of NM_004668. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACTTCATTGACGTGGATAAGCACTCTGTGAATTTTTACAGCAAGATTCTAACTAATGAATGACTTT
GAAACTACTTATACTTCATACTCATAAAAATTATTGTGTGTTGCTAATTTGTTTCATACCCACTATTGGT
GAAATATTTCTGTTAATTTTTGTTATATGTTTTTTGTGTGAACCTAAAGGTTAAACCTTAGCCCTGTGG
GATAGGCAGTTAGGGAGGTGTGGAAAATCTATGCATTACCTTAATGTCTCTGTGTGGTTAGTATGGTAG
TGACTGTTTCATCATATGACATTTACTGAAGATGAACTGGGTCCATGATGAAGTGTGTGTATGTCCACGT
TTGTAATCATAGAATGGACCCCATTTCTTTTGTAAATACACAAGAGAAAGCTTTCTGTGACAGTTCCAG
GTCTTGAAGCTAATCAGCATCTCAAGAAAGTATCCAGAAAGAACATCTGCTAGTTGGTTATAGGCCGGTG
GGAGGAATAATATACCTAATTGGTTATAGGTGGGGGAGCATGATAAGCAAAAGAAAGGCCAAACACAAG
GAAAGATCAGATGAAACAGAAGATGATAGTAAAAGTGATCCTAAGTAAGAACATAATGTAATAATTGTCA
GCAGCCTCATGGGGAGGAAAAAGGAAGAGTCAACTCACTTGAAGAAGAGGGTCTTGAGAAATCCTTAGC
ATAAAGGGCTACTGGTGAGATTGAGATCTGAGCAGGCAAAGCTCAAAGAGAGTTTGGAGTTAAAAAT
AATTTATTTTTGCAGTAGTGTGCTTTGAAATGTGTAATCTTATTCTAATGTATACAACCATTTCA
CATAAAAATATGCAATTTATATGCCAGATAAAAAATAAAACAAGTGAATTTGCAAGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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<b>OTI Disclaimer:</b>	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).
<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>	<u><a href="#">NM_004668.3</a></u>
<b>Summary:</b>	This gene encodes maltase-glucoamylase, which is a brush border membrane enzyme that plays a role in the final steps of digestion of starch. The protein has two catalytic sites identical to those of sucrase-isomaltase, but the proteins are only 59% homologous. Both are members of glycosyl hydrolase family 31, which has a variety of substrate specificities. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	8972
<b>MW:</b>	34.3