

Product datasheet for **SC200264**

GAMT (NM_138924) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GAMT (NM_138924) Human 3' UTR Clone
Symbol:	GAMT
Synonyms:	CCDS2; HEL-S-20; PIG2; TP53I2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_138924
Insert Size:	891 bp
Insert Sequence:	>SC200264 3'UTR clone of NM_138924 The sequence shown below is from the reference sequence of NM_138924. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGAAGGCCGAGGTGGGCAGATTGCTTGAGCCTAGGAGTTCAAGACCAGCCTGGGCTACAGAGCAAGA
CCTCATCTTTCTAAAAAAAAAAAAATACAAAAACTAGCTGGGCGTGGTGGCGTGTGCCTGTACTCCCA
GCTACTTGGGAGGCTGAGGTAGGAGGATTGCTTGGGCCCCAGGGCAGAGTTGCAGTGAGCCAGATC
GAACCACTGCACTCCAGCCTGGGTAACAGAGCCAGACCCTGTCTCAAGAAAAAGAAAGAAAGAAAGAA
AGAAAGAAAAATTTAAAAAAAAAATGAAATCAGGCTGGGCGTGGTGGCTCACACCTGTGATCCCGGCAC
TTCGGAAGGCCAAGGCGGGTGGATCACTTGAGCCAGGAGTTTGAGCCTAGCCTGGCCAACATGGCAGA
ATCCCATCTCTACTAAAAATACAAAAGTTAGCCAGGCGTGGTGGCGGGCCCTGTAATCCAGCTACTC
GGGAGGCTGAGGCATGAGAATCACTTGAACATGGGAGGCGGAGGTTGCTGTGAGCCGAGATTGCACCGT
TGTACTCCAGCCTGGGCAACAGACCGAGACTCCATCTCAACAAAAACAAAAACAAAAAATGAAATCA
AAGTCCCTCACCAGCTCAACAACCTCCCATGGCTCCCCAGTGCCTGTGGTTCAGCCTAAGCCCTGCGT
GTTCCCTCCCTCAGCTGCCTCCACCTGGCTGTCTTTGCTGGTTCAGCAGTGCTTGTCTCGCTGTTCC
CTCTGCCTGGTGGAGGCGGCTATCTGAGAAGGGCTCTATGTGGTTGCCCTGGGCTGCTGTTGTGAGAG
CCGGTGGGTGCCTGTGGCCCCTGGGGCAGCTTTTCTTCCAAAATGGGAAGTGTGGCCTGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

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_138924.3</u>
Summary:	The protein encoded by this gene is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. Defects in this gene have been implicated in neurologic syndromes and muscular hypotonia, probably due to creatine deficiency and accumulation of guanidinoacetate in the brain of affected individuals. Two transcript variants encoding different isoforms have been described for this gene. Pseudogenes of this gene are found on chromosomes 2 and 13. [provided by RefSeq, Feb 2012]
Locus ID:	2593
MW:	32.8