

## Product datasheet for **SC320162**

### AGMAT (NM\_024758) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AGMAT (NM_024758) Human Untagged Clone
Tag:	Tag Free
Symbol:	AGMAT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene sequence for NM_024758.3</p> <pre> CTTGATCCAGGGCGCCCTGACCTTTGAGCCGGCTCGGGTTCGGCTCTGGCGCGTGCA CACTCGCCTCGCGTTCGGGACCAGCCAGATCGCGGCGGCTCGCGGGCGGTCTGGTCGG TGAGGTCTTGCCGCGCGCGCAATGCTGAGGCTGCTGGCGTCCGGGTGCGCCCGGGGCC CGGGGCCCGCGTGGGCGCGCTCTGCCGCAGGGCTCTTTCATCCGGGGCGCCGCCAGA GCCGCCAGGCTTCGATGCGCCCCGGAACCAGCCCCAGCCCCGAGTTCGTGGCCCGGC CGGTGGGCGTCTGCTCCATGATGCGCCTGCCGGTGACACCTCCCCGAGGGGCTGGACG CTGCCCTCATCGGGTGCCCTGGATACTGGGACCTCAAACCGGCTGGGGCGAGATTCCG GACCTCGCCGCATCCGGGAAGAATCAGTGATGCTTCGGACAGTCAATCCTAGCACGGGG CCCTCCCCTTCCAGTCCCTCATGGTTCAGACCTAGGCGATGTGAATGTCAATCTTTACA ACCTTCAGGACAGCTGCCGGCAATTCAAGAGGCCTATGAGAAAATTGTAGCAGCTGGCT GTATTCCTCTGACCTTGGGTGGAGATCACACAATCACATATCCCATATTGCAAGCGATGG CAAAAAAGCATGGCCAGTGGGGCTGCTGCACGTGGATGCGCACACGGACACGACCGACA AGGCCCTAGGAGAGAAGCTCTACCACGGGGCGCCCTTCCGCCGGTGTGTGGATGAGGGTC TCCTGGACTGTAAGCGTGTGGTGCAGATTGGCATCCGGGGCTCTCCACGACCTTGGATC CCTACAGATAACAACGGAGCCAGGGCTCCGGGTAGTCTGGCTGAAGACTGCTGGATGA AGTCGCTGGTTCCTCTGATGGGGAAAGTCAGGCAGCAGATGGGAGGCAAACCCATTTATA TCAGCTTTGATATTGACGCTCTGGATCCTGCCTATGCGCCAGGGACAGGGACACCTGAAA TTGCTGGTCTCACTCCTAGTCAGGCTCTGGAGATCATCAGGGTTGTCAAGGCCTGAACG TGATGGGCTGTGATCTTGTGCAAGTTTACCACCGTATGATCTTTCTGGGAACACAGCCC TGCTGGCGGTAACCTGCTGTTTGGAGATGCTATGTGCTCTCCCCAAAGTGACAACCGTCT GAGTCTTGTGCTCTTCAAGACAAAACAGATTGCGTCGCTGACAAGTTCTCAAGAAGAACT TATGAGTAAGCAGTCTGAGAAGTAAAGAGTTTATGCCAAGAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_024758



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_024758.3</a></u> , <u><a href="#">NP_079034.3</a></u>
<b>RefSeq Size:</b>	2196 bp
<b>RefSeq ORF:</b>	1059 bp
<b>Locus ID:</b>	79814
<b>UniProt ID:</b>	<u><a href="#">Q9BSE5</a></u>
<b>Cytogenetics:</b>	1p36.21
<b>Domains:</b>	arginase
<b>Protein Pathways:</b>	Arginine and proline metabolism, Metabolic pathways