

Product datasheet for **MC206600**

Mat1a (BC011211) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mat1a (BC011211) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mat1a
Synonyms:	AdoMet, MAT, SAMS, MATA1, SAMS1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC011211
GTGACACATCTGTATTCCATCCGCTATCTCCCTCTTTGCCCATCCTTACCCTGTCCTCATATGCTCATAG
GCCTTAGGCAGAAGTCATCTCCTCGGGATTCTGCCAAAGATCTGCCTGTTGGGTTTGTAGGGGGAGGAT
AAGAAAAGAAAAGAAAAGAAAGCTCTGAAGTTGTCACTTTGGAGAAGTGAAGTCGAAAAGTGTGGCACA
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CAAGCAAGACCCCAATGCCAAGGTGGCCTGTGAGACAGTGTGCAAGACAGGTATGGTGCTACTGTGTGGG
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ACGACTCTGCCAAGGGCTTTGACTTCAAGACTTGAATGTGCTAGTGGCTCTGGAGCAACAGTCCCCAGA
TATTGCCCAATGTGTCCACCTAGACAGAAATGAAGAGGATGTTGGTGCAGGAGATCAGGGTCTGATGTTT
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GGATAGCAGATCTGAGGCGCTCTGGTGCCTTCCCTGGCTGAGACCTGATTCTAAGACTCAGGTAACAGT
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CCACATGTATCAGAGCCAAGAAATGGATCTAGGAGTTCTGACTCTAACCCCTCACATTTGTATCCCAGACA
AGATGTTGACCAGAGTATGACAAGTGGATCGACTTGAGGCTATGGCTACTTATTTAAGGCTGGGTCTC
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GACATATAAGTGTCTCATTTGTTCTGGAAGAGGGTTAAGGAAATCTGGGTATCTTGGCCTATCAAGCTG
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TCTCTGGGCATGGGTTCTAATCATAGACAGCCACATGTGCTTCCCTCCTCACAGAGGAGAGGCAGCTGGT
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AGCTTTCCCCTTTCCCCAGCGTGAGGAAACAGCAGAGGGAAAAGCCTCATTGGCCAACAGATCCTGATG
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CAGAAGGAAGGATGGGCGTGCAGGTTGAGTTCTGTAACCTTAAAGCTTTATCAAAATAAAATCCAGAA
TGGTATACTTGTCTAACCTGAGAGTAATGAGCCTCTTTCTTTCTTTCAACATTTCTAGGAAAGAAA
GCCATTATTTGTTAATGTTACCTGATGATAGTATGGTGAATAAAATCTCAAGGAGCAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

EcoRI-NotI

ACCN:

BC011211

Insert Size:	1191 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>BC011211</u> , <u>AAH11211</u>
RefSeq Size:	3241 bp
RefSeq ORF:	1191 bp
Locus ID:	11720
Cytogenetics:	14 B
Gene Summary:	This gene encodes a member of the AdoMet synthase family. Methionine adenosyltransferase is a product of this gene (the alpha form) and the beta form and catalyzes the formation of S-adenosylmethionine from methionine and ATP.[provided by RefSeq, Jan 2013]