

Product datasheet for RN204199

As3mt (NM_080890) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	As3mt (NM_080890) Rat Untagged Clone
Tag:	Tag Free
Symbol:	As3mt
Synonyms:	Cyt19
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204199 representing NM_080890 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGCTCCCCGAGACGCAGAGATCCACAAGGACGTTCAGAACTACTATGGGAATGTACTGAAGACAT
CTGCAGACCTCCAGACTAATGCTTGTGTACCCCCAGCCAAGGGGGTCCCTGAGTACATCCGAAAAGTCT
GCAGAATGTACATGAAGAAGTTATTTCCAGGTATTATGGCTGCGGTCTGGTGGTGCCTGAGCATCTGGAA
AACTGCCGGATTTGGATCTGGGCACTGGGAGTGGCAGAGATTGCTATGTGCTTAGCCAGCTGGTCGGCC
AGAAGGGACACATCACCGGGATAGACATGACTAAGGTCCAGGTGGAAGTGGCTAAGGCCTATCTTGAGTA
CCACACGGAAAAGTTCGGTTTCCAGACACCCAATGTGACTTTTCTTACGGCCAAATGAGATGTTGGCA
GAGGCCGGATCCAGAAGGAGAGCTATGATATCGTTATATCCAATTGTGTGATCAACCTTGTCCCGACA
AACAAAAGTCTTCGGGAGGCTACCAAGTCTGAAGTACGGCGGGGAGCTCTATTTCACTGACGTCTA
TGCTAGCCTTGAAGTGTGAGAAGACATCAAGTACACAAAGGTTTATGGGGGAATGCCTGGGTGGCGCT
CTGTACTGGAAGGACCTCGCCGTCATTGCCAAAAGATTGGGTTCTGCCCTCCACGTTTGGTCACTGCCA
ATATTATTACGGTTGAAACAAGGAAGTAAAGGGTTCTTGGTACTGTCGCTTCTGCTGCCAATT
TCGCCTTCAAACCTCCCTAAGACAGAGCCAGCCGGAAGATGCCAAGTTGTTACAATGGAGGAATCATG
GGGCACGAAAAGGAACTAATTTTCGATGCAAAATTTACATTCAAGGAAGTGAAGCTGTTGAAGTGGATG
AGGAGACGGCAGCCATCTTGAAGAACTCTCGGTTTGTACGATTTTCTTTCACACCTGTTGAGGCCTC
CCTGTTGGCTCCCAAACAAAGTTATAATCAGAGATCCATTCAAGCTTGCAGAGGAATCTGACAAGATG
AAGCCGAGATGTGACCAGAAGGCACTGGAGGCTGCTGTGGCAAAGGAAAAGCTGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_080890



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Insert Size:	1110 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>NM_080890.1, NP_543166.1</u>
RefSeq Size:	1631 bp
RefSeq ORF:	1110 bp
Locus ID:	140925
UniProt ID:	<u>Q8VHT6</u>
Cytogenetics:	1q54
Gene Summary:	enzyme that catalyzes transfer of a methyl group to trivalent arsenicals producing methylated and dimethylated arsenicals [RGD, Feb 2006]