

Product datasheet for **MC206035**

4732479N06Rik (BC056937) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4732479N06Rik (BC056937) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4732479N06Rik
Synonyms:	4732479N06Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC056937
 CCCCTTCGCGCCATCCGCTGGTATTTTAGTTTGGCACTGCACGTCCGTCCTCAAGGCCTTAGTGACTCCCAA
 GGAGTCCCAGGACATCTGGCTTGTTCAGCTTCTGGCTATTACAATAAGGCTGCTATGAACACAGTGG
 AGCATGTGTCTTGTGGCATCAAGATCCATAATGCACAACCCAAGACTATTCCTTTCCAGAGCGGGTTT
 CTTCTCCAACCAGGACTGCTTCCCTGGGATACTGGAAGACCACCAGATTGTACAGTCCTTATTGGGC
 AGAGCATATAAAGGGAGTTTACCAGCTGATAGCTAAGAAGCACCACCAAGCAGACAAAAATATCAGAAGA
 AACAAAGGCATTGTAGAGATGACTCCTGGCAGGAGAGGCTGGCTGATGTTGTGACTCCACTCTGGAGGCT
 GAGTTATGAAGCACAACCTCAAGGTGAAATTTGAAGCTCAGAAGAACTTTTACAAAGCCTAGAGTCTCAC
 CTAAGAAGTGTCCATGGAGTCAGTGACACAGTGGCTGCACATCAGTCTGAGGGGCTCCGCTGTCTCTCC
 ATCCCATTATACCCTCTCTACCACCCTGGCTACCGGAACAAGTCCACCTTTTCTGTGTACAGGAGCCC
 AGATGGCAATCCAAGACTGTGGCTACTACCTAGGAAGTGGAAAGTGGAAATGTCGTCTGTCTACCA
 TGTAATCATCTGAAAAACATCCCAGAGAAAACAGTCAAGTGGCTCAGTACTATGAAGTATTCTTCGAC
 AGTCTTCAGTGGAAACCCTGCCTTCTTTTATGAAGGTGGACACTGGCGTGAAGTCTGATTCGTACCAA
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 CAGAAGGTGACCTTGAAGGATTTTTTCACTAAAGGCCCTGGAGCGATCTGTGAATTGACCTCGCTCTATT
 TCCAGGAAAGCACCATGACCCGTTGCAGCCATCAGCAGTCCCCCTACCAGTCTCTGTTGGGGAGCCCCA
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 GGGGCAGAGATGCTGTATCGGATCATTGGGGAGCTGAGTGGAGTGAAGTCTGAGAGCCTCCTCTAGACA
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 AGTGGAGCAGGCAGTAGAGGATGCCAGGTGGACTGCAGCCTTCAATGGTGTCAACCACTGTGAGTTTAC
 GCTGGCAGAGCAGAGACGATTTTCCACAGCTGTTAAAGTACAGAGTGGTGGCAGCCATTCGGAAGTGCAGGACCATCCA
 CACTCTAGTGTGTTTCTGCAAGCCCATGGTGAAGCACAAGGAAGTTCATTGAAGTATGCTGTCTCT
 CCAAAATCTGCAAGCAGCTCCTAGGTGATCCATTTCGTCCTGAGAGAAGCTGTACCTGTGGATTTGTTTC
 CCCACACCCACACTGTGAGCTGGTTCTCTCTCACTCGGTAAGACCTGGACGCTGCAGGCTGATAAGG
 CTGAAGTTTCCGAGACACCCAGGTTGCCATAGGAGACAGTGAAGCATCACAGAAAAGCAATTTTGA
 TCCTGGCCAAAAGAAATTTGACTGGCCTCCTCTCTGAGGCAGATTGGACTGTAGCTTGTCTAGTCTTT
 GGGGTTATCCATATTCCCTTAGCTTTGATTGCTCCTAAGTCTTGAACCTGAATTTGTGTTGCTCCATCC
 TTTTGTGCTATACATCATTCAATCTACAGTCTGTCCCGCCATGGGATTCTGCTTTTGTGTTGGGGA
 CAAGTCTTTTTTGAAGCAGCCGGCAGTAATTTTCAATTTGACTGGGACCTGTATATTTACTCTGAGATTT
 ACCATTTGCATTTTTTGTGTTTTGTTTTGTTTTGTTTTGAAACAAGGTCTCACATAGTGCACACTAGCC
 TTGCTCTCACAATATAACTGAGGTTGACTTCGAAGTGTAAAGCCTTCTGCCTACACTTTGTGAGTGTGG
 GCTTACAGGCATGTGCCACCACACATGGCTTTATGCAAGTATGGGGATCAAGGCCAGGAAAGATGCGTG
 TGAGGGAAACCCGTTTACTAAGTGAAGTACAGCCCTAGCCCTTGCAAAATTTTTAGGAAGTAGAACCA
 CATTGAGCTTTTTTACAAGCAGAATAAGAGGCTAGGGAGATGGCTAACTGGGTAAAGTGTATTCGCACA
 TACACACAAGAAGCTGAATTTGGATCTAGCACATAATAACAAGGCATAGTGGTACCTGCCTGTTCTGTG
 CTGAGACGTGTATGCAGTGGATCCTGAGGGCTTCTGGACAGTCAATTTAGCTAATAGTGGTTAATG
 AGAGACCTATCTCAAAAAAGTTGAAAAATGATAAGACACCTGATAGCGACATCTGTCTCCACAAGTA
 TAATCACACACACATACTACACACATGCAATGCAGACAAAGTTATAGAATGATTACAGGTTGTTGGGCT
 TTCTAGAATTTGACACTTCTAGAATGCTTTTCTGATGGGGTTATCTCTGGGGCTAGAGAGATGGCTCA
 GTGTTCAAGCATATAATGCTCTTGCAGAGGCCCTGAGTTTGTGTTAGTATCCATGTCAAGTTGCTC
 ATTAAGTCTATGACTCTAGTTCAGGGTATCTGATACCCTTGGCTGGTCTCCATGGACATGGTACTTAT
 ATTCACACACATGCAATACACATAGTTTAAAAATAACTTTTAAAAAGCTTAAAGAGAAAATGTGGTTAT
 CTCTAGGGACAATAATGCCATTCTCTTACCTGTAGAAGGAGAATCAGTCAATAGAGATCCCCAAAAG
 GGTAAAAAAGTTCGAAAGGAAGGACTGAATACTTAGATTGTCCTGTGATTCTGGAGGAAGGAAGCACCA
 GTGGTCTATAGTAATCCAGTATGTGTTATAATAAAGTGAATGTTGAAATTAATAAAAAAAAAAAAAAAAAAAA AAA

Restriction Sites: Ascl-NotI
ACCN: BC056937
Insert Size: 1482 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:	BC056937 , AAH56937
RefSeq Size:	3153 bp
RefSeq ORF:	1482 bp
Locus ID:	215201
Cytogenetics:	X E3
Gene Summary:	Probable S-adenosyl-L-methionine-dependent methyltransferase that catalyzes the formation of 5-methyl-uridine at position 54 (m5U54) in all tRNA. May also have a role in tRNA stabilization or maturation (By similarity).[UniProtKB/Swiss-Prot Function]