

Specifications:

Gene:	mMs4a6b
Accession:	NP_081485
Insert size:	748bp
Concentration:	10µg at 0.2µg/µL

mMS4A6B cDNA Plasmid

Ms4a6b membrane-spanning 4-domains, subfamily A, member 6B [*Mus musculus* (house mouse)]

Also known as: 1810027D10Rik

Summary:

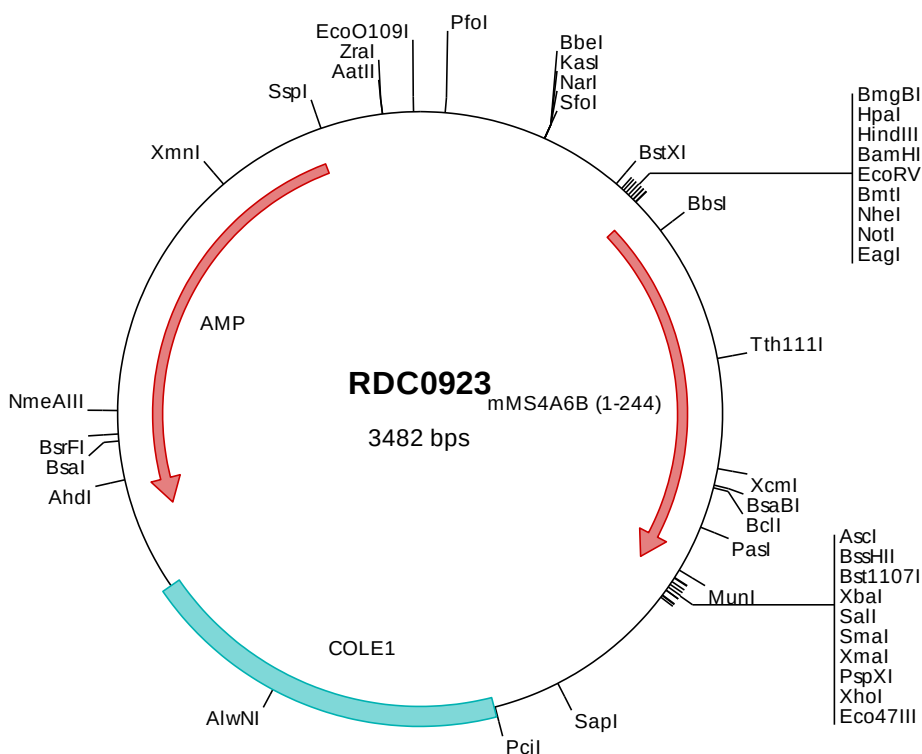
MS4A6B is a member of the membrane-spanning 4A gene family. This family is characterized by common structural features and similar intron/exon splice boundaries. It also displays unique expression patterns in hematopoietic cells and nonlymphoid tissues. MS4A6B is expressed at high levels in thymus, spleen, and peripheral lymph nodes. It may be involved in signal transduction as a component of a multimeric receptor complex.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.





> RDC0923 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct gccgaaaggg ggatgtgctg caaggcgatt aagtttggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggateccgata tgcgtagcgc ggccgccacc atgattccac aagtagtgac cagtgagact gtagcaatga tttcgccaaa
501  tggaatgagt cttcccaaaa cagacaaaacc ccagccttcc caccagtggc aagacagcct gaagaaacat ctaaggctg agatcaaatg gatggcggca
601  atccagatca tgtgtgctgt gatggtgttg agtctgggaa tcaatgttgc atctgttccc tccaatctac actttacctc agtgttttca gtctgttaa
701  aatctggcta cccatttata ggagctttgt tttttatagt ctctggaatt ctgtccatcg tcacggagac aaagtcaaca aaaattttgg tagacagcag
801  cctgactctg aatatcctga gtgtttcatt tgctttcatg ggcataatta tcatctctgt cagcctggct ggtttgcatc ctgcctcaga gcagtgttg
901  cagagcaagg agcttagacc aactgaatat cattaactacc aattcttggc caggaacagag tgctttgcgc ccaagtctgt tctggctgga gtcttttacc
1001  tgatgctgat cagtactatg ttggaacttg gcctggctgt cctcactgcc atgctgttgt ggaaacagag tcactctaac atccctggga atgttatgtt
1101  cctgcccacat agtcaaaa atgactccaa catggaatca aaggtacttt gtaacccctc atatgaggaa caattggttt gctaaaggcg cgccagtata
1201  ctctagatgc gacacccggg gaattcctcg agcgtctgtc tctagcttgg cgtaatcatg gtcatactg tttcctgtgt gaaattgtta tccgctcaca
1301  attccacaca acatacagagc cgggaagcata aagtgtaaag cctgggtgtc ctaatgagtg agctaactca cattaattgc gttgcgctca ctgcccgctt
1401  tccagtcggg aaacctgtcg tgccagctgc attaatgaat cggccaacgc gcggggagag gcggtttgct tattggcgcc tcttccgctt cctcgctcac
1501  tgactcgtcg cgctcgtctg ttcggtctcg gcgagcgcta tcagctcact caaaggcggt aatacggtta tccacagaat caggggataa cgcaggaaag
1601  aacatgtgag caaaaggcca gcaaaaggcc aggaaccgta aaaaggccgc gttgctggcg tttttccata ggctccgccc ccttgacgag catcacaaaa
1701  atcgacgctc aagtcagagg ttgccaagcc cgacaggact ataaagatac caggcgcttc cccctggaag ctccctcgtg cgtctcctg ttcggacctt
1801  gccgcttacc ggatacctgt ccgcctttct cccttcggga agcgtggcgc tttctcaatg ctacacgtgt aggtatctca gttcgtgtga ggtcgttcgc
1901  tccaagctgg gctgtgtgca cgaaccccc gttcagcccc accgctgcgc cttatccggt aactatcgct ttgagtccaa cccggttaaga cagcatttat
2001  cgccactggc agcagccact ggtaacagga ttagcagagc gaggtatgta ggcggtgcta cagagtctct gaagtgttgg cctaactacg gctacactag
2101  aaggcacgta tttggtatct gcgctctgct gaagccagtt accttcggaa aaagagtgg tagctcttga tccggcaaac aaaccacgcg tggtagcggg
2201  ggtttttttg tttgcaagca gcagattacg cgcagaaaaa aaggatctca agaagatcct ttgatctttt ctacggggtc tgacgctcag tggaaacgaaa
2301  actcacgtta agggattttg gtcatgagat tatcaaaaag gatcttcacc tagatccttt taaattaaaa atgaagtttt aaatcaatct aaagtatata
2401  tgagtaaaact tggctcgaca gttaccaatg cttaatcagt gaggcaccta tctcagcgat ctgtctattt cggtcatcca tagttgcctg actccccgtc
2501  gtgtagataa ctacgatacg ggagggtcta ccatctggcc ccagtgtgcg aatgataccg cgagaccacg gctcaccggc tccagattta tcagcaataa
2601  accagccagc cggaagggcc gagcgagaaa gtggtcctgc aactttatcc gctccatccc agtctattaa ttgttgccgg gaagctagag taagtgttc
2701  gccagttaat agtttgccga acgttggttc cattgctaca ggcacgtggt tgtaacgctc gtcgttttgt atggcttcat tcagctccgg tttcccaacga
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2901  tcatggttat ggcagcactg cataattctc ttactgtcat gccatccgta agatgctttt ctgtgactgg tgagtactca accaagtcat tctgagaata
3001  gtgtatcgcg cgaccgagtt gctcttgccc ggctcaata cgggataata ccgcgccaca tagcagaact ttaaaagtgc tcatcattgg aaaaagttct
3101  tcggggcgaa aactctcaag gatcttaccg ctgttgagat ccagttcgat gtaacccact cgtgcacca actgatcttc agcatctttt actttcacca
3201  gcgtttctgg gtgagcaaaa acaggaaggc aaaatgccgc aaaaaaggga ataaggcgga cacggaatg ttgaatactc atactcttcc tttttcaata
3301  ttattgaagc atttatcagc gttattgtct catgagcgga tacatatatt aatgtattta gaaaaataaa caaatagggg ttcgcgcgac attttcccca
3401  aaagtgcac ctgacgtcta agaaccatt attatcatga cattaaccta taaaaatagg cgtatcacga ggccttttcg tc

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> RDC0923 Translated Insert Sequence

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1   mipqvvtset vamispngms lpqtdkpppf hqwqdsllkh lkaeikvmaa iqimcavmvl slgiilasvp snlhftsvfs vllksgyphi galffivsgi
101  lsivtetkst kilvdssltl nilsvsfafm giiisvslla glhpaseqcl qskelrptey hyqfldrne cfaaksvlag vflsmlistm lelglavltla
201  mlwwkqshsn ipgnvmflph ssndnsnmes kvlnpsyee qlvc

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