

Specifications:

Gene:	mMs4a7
Accession:	NP_082112
Insert size:	718bp
Concentration:	10µg at 0.2µg/µL

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.

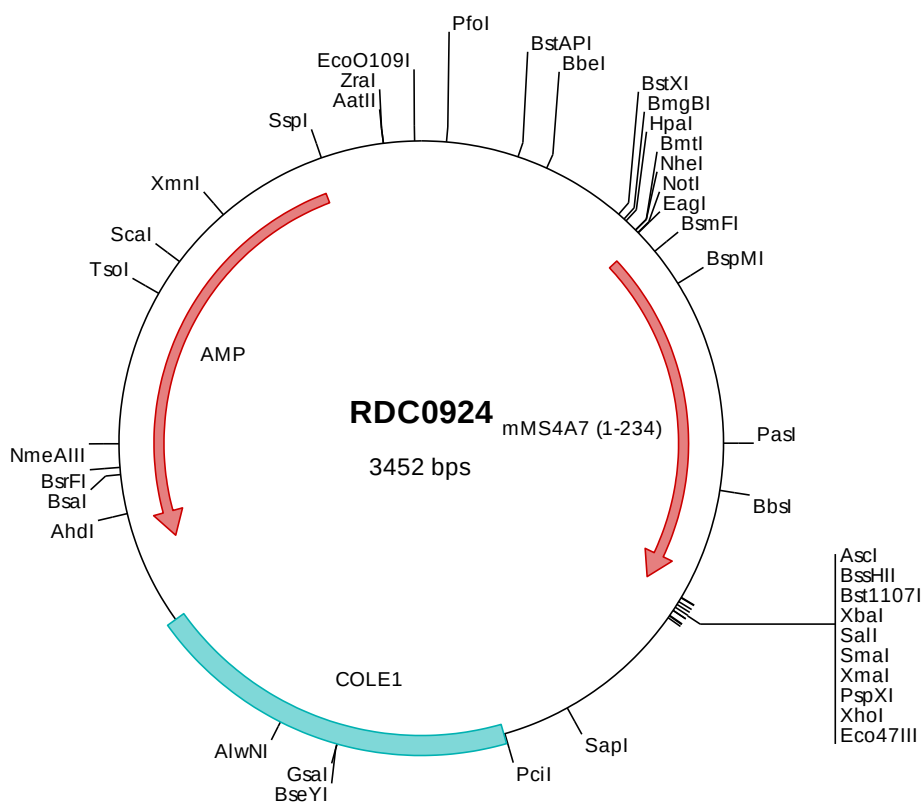
mMS4A7 cDNA Plasmid

Ms4a7 membrane-spanning 4-domains, subfamily A, member 7
[*Mus musculus* (house mouse)]

Also known as: CFFMA; CD2014;
9130422I10Rik; A430103C15Rik

Summary:

MS4A7 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. MS4A7 expression is more elevated in adult liver, lung, spleen, and heart than in their fetal counterparts, and is higher in normal tissues than in the cancerous tissue or cell lines. MS4A7 is associated with mature cellular function in the monocytic lineage, and it may be a component of a receptor complex involved in signal transduction.





> RDC0924 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaagggt gtagtgctg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt gtagccgata tgcgtagcgc ggccgccacc atgcgtctac agcttggcac caagaacatt ggttgggact gctttccaaa
501  ggacatcatt atccacaaaa gagagaaaaac tggacataca tatgaaaaag aagatgacct gctgattgga gtgcctagtg aagccacagt tcttggaaac
601  atccagctac tatgtgcctt gatacttgca agcttggggg gcaatttgggt gtcagcttcc taactcaacc cagaagtttc caccactttg atatctggat
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> RDC0924 Translated Insert Sequence

```
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201  ifwwkqvysn kpggtfflpq sqdhtqlvks nllq
```