

Specifications:

Gene:	hMS4A7
Accession:	NP_067024
Insert size:	735bp
Concentration:	10µg at 0.2µg/µL

hMS4A7 cDNA Plasmid

MS4A7 membrane-spanning 4-domains, subfamily A, member 7 [*Homo sapiens*]

Also known as: CFFM4; MS4A8; 4SPAN2; CD20L4; MGC22368

Summary:

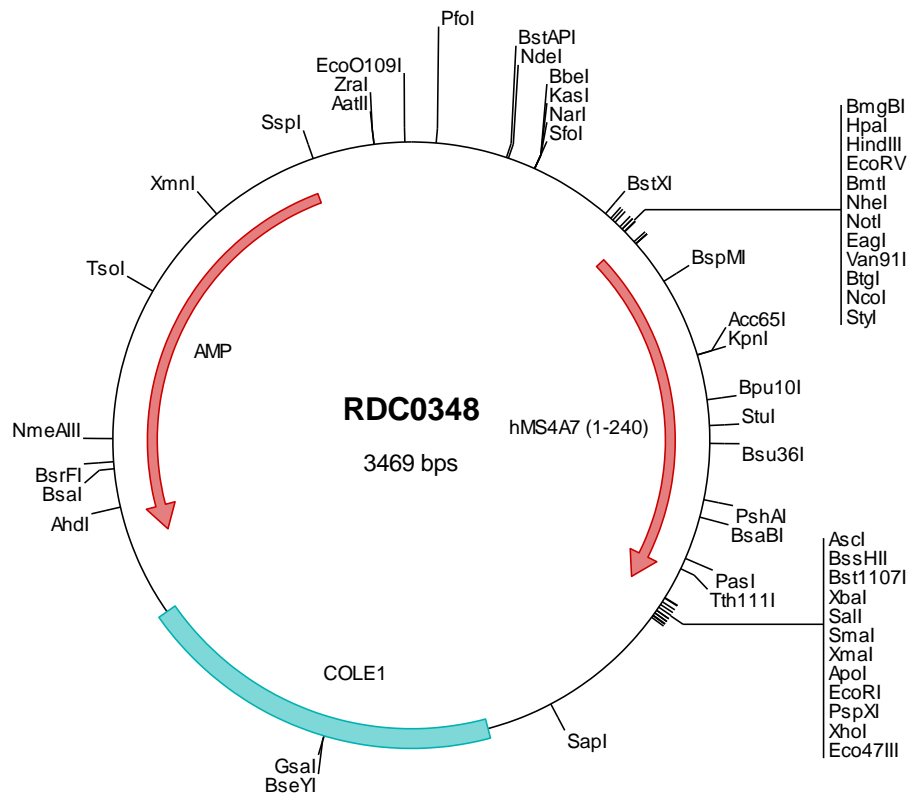
MS4A7 is a member of the membrane-spanning 4A gene family. This family is characterized by common structural features and similar intron/exon splice boundaries. It also displays a unique expression patterns in hematopoietic cells and nonlymphoid tissues. MS4A7 expression is more elevated in adult liver, 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.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0348 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcagctcccg gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgccc aactgttggg aaggcgatc ggtcgggccc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt ttcccagtc acgacgttg aaaacgacgg ccagtgaatt
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601 gtccagatcc tgtgttgcc tttgatttca agtctggggg coactttggt ttttgcctcc taccctccc acttcaatcc agcaatttcc accacttga
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2501 cgatacggga gggcttacca tctggcccca gtgctgcaat gataccgcga gaccacgct caccggctcc agatttatca gcaataaacc agccagccgg
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> RDC0348 Translated Insert Sequence

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101 lsiisgkqst kpfdlsslts navsvstaga glfilladsmv alrtasqhcq semdylsslp yseyyypiye ikdclltsvs ltgvlvml i fvllelllaa
201 yssfvwkkql ysnnpssfs stqsqdnihq vkkssrswi