*h*MS4A10 VersaClone cDNA

Catalog Number: RDC0239

Specifications:

Gene:	*h*MS4A10
Accession:	NP_996776
Insert size:	816bp
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

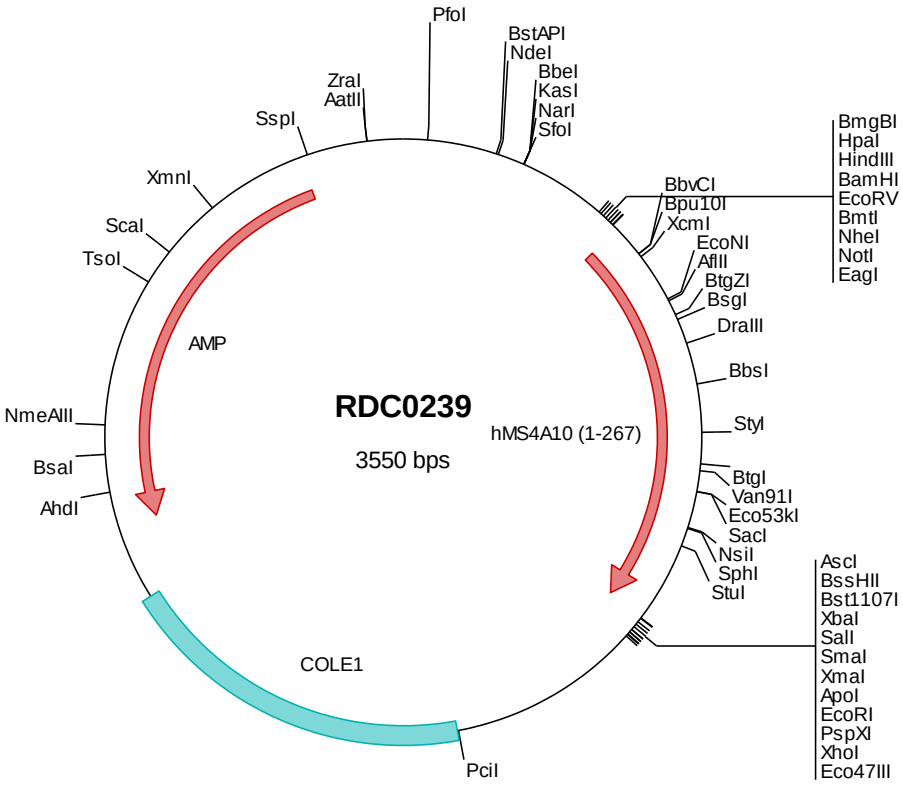
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*MS4A10 cDNA Plasmid

MS4A10 membrane-spanning 4-domains, subfamily A, member 10 [*Homo sapiens*]

Also known as: MS4A9; CD20L7

Summary:
MS4A10 belongs to a family of proteins related to the B-cell-specific antigen CD20, a hematopoietic-cell-specific protein HTm4, and high affinity IgE receptor beta chain. It is expressed in lymphoid tissues: thymus and spleen. Most MS4A genes, including MS4A10, encode proteins with at least 4 potential transmembrane domains and N- and C-terminal cytoplasmic domains encoded by distinct exons. MS4A10 may be involved in signal transduction as a component of a multimeric receptor complex.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0239 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgaaagcag aagccacagt tattcccagc cgttgtgcta gggggctccc
 501  atcatggcaa gtcctcagcc cagtccagcc ctggcagaca agtgcacccc agaacacgac ccagcccaag ctcctggctc cacaccagca cgagaagtcc
 601  cagaagaaga gcagccttct taaggagctg ggggccttcc acatcaccat cgctctgctg cacctggtct ttgggggcta cctggcctct atagtcaaga
 701  accttcacct ggtggtgctg aagtcttggt atccattctg gggggctgcc tcttttctca tttcagggat cttggcgata acaatgaaga ccttttctaa
 801  aacttacctg aagatgttgt gcctgatgac aaacctcatc agcctctttt gcgtgctgtc tggcctcttc gtcatctcca aggatctctt tctggagagc
 901  ccatttgagt ccccgatctg gagaatgtac cccaactcca cggtccacat ccagaggctg gagctggcct tgctctgctt cactgtccta gagctcttcc
1001  tgccagtgcc cacagctgtc acagcctgga gaggggactg cccatctgca aagaatgatg atgcatgcct tgttccgaat acaccattgc atctcaaagg
1101  cctgccggtg gagcccccgc catcctacca gagtgtgatt caaggcgacg cacaacacaa gcaacatcag aggctcagag aagttaagca agttgccccg
1201  gacacatgga tagtcactga cggagctgcg atctggaccc agactgcaaa ctgaggcgcg ccagtatact ctagagtcga cacccgggga attcctcgag
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1401  gtgtaaagcc tggggtgcct aatgagtgag ctaactcaca ttaattgcgt tgcgctcact gcccgctttc cagtcgggaa acctgtcgtg ccagctgcat
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1701  gaaccgtaaa aaggccgcgt tgctggcgtt tttccatagg ctccgccccc ctgacgagca tcacaaaaat cgacgctcaa gtcagaggtg gcgaaacccg
1801  acaggactat aaagatacca ggcgtttccc cctggaagct ccctcgtgcg ctctcctgtt ccgaccctgc cgcttaccgg atacctgtcc gcctttctcc
1901  cttcgggaag cgtggcgctt tctcaatgct cacgctgtag gtatctcagt tcggtgtagg tcgttcgctc caagctgggc tgtgtgcacg aacccccccgt
2001  tcagcccgac cgctgcgcct tatccggtaa ctatcgtctt gagtccaacc cggtaagaca cgacttatcg ccactggcag cagccactgg taacaggatt
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2301  cagaaaaaaa ggatctcaag aagatccttt gatcttttct acggggtctg acgctcagtg gaacgaaaac tcacgttaag ggattttggt catgagatta
2401  tcaaaaagga tcttcaccta gatcctttta aattaaaaat gaagttttaa atcaatctaa agtatatatg agtaaacttg gtctgacagt taccaatgct
2501  taatcagtga ggcacctatc tcagcgatct gtctatttcg ttcatccata gttgcctgac tccccgtcgt gtagataact acgatacggg agggcttacc
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2901  caaaaaagcg gttagctcct tcggtcctcc gatcgttgtc agaagtaagt tggccgcagt gttatcactc atggttatgg cagcactgca taattctctt
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> RDC0239 Translated Insert Sequence

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101  sflisgilai tmktfsktyl kmlclmtnli slfcvlsglf viskdlfles pfespiwrmy pnstvhiqrl elallcftvl elflpvptav tawrgdcpsa
201  knddaclvpn tplhlkglpv epppsyqsvi qgdaqhkqhq rlrevkqvap dtwivtdgaa iwtqtan
```