

## Specifications:

Gene:	hMS4A8B
Accession:	NP_113645
Insert size:	765bp
Concentration:	10µg at 0.2µg/µL

## hMS4A8B cDNA Plasmid

**MS4A8B membrane-spanning 4-domains, subfamily A, member 8B [ *Homo sapiens* ]**

**Also known as:** MS4A4; 4SPAN4

### Summary:

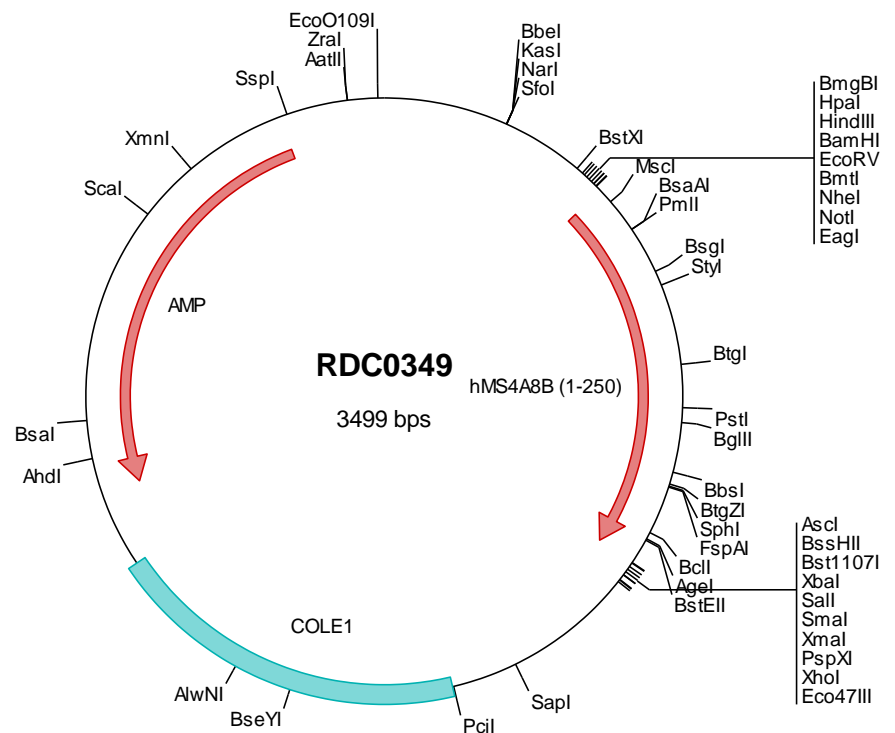
MS4A8B encodes a member of the membrane-spanning 4A gene family. These proteins are characterized by common structural features and similar intron/exon splice boundaries. They display unique expression patterns among hematopoietic cells and nonlymphoid tissues. MS4A8B may be involved in signal transduction 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0349 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc gggccgccacc atgaattoga tgacttcago agttccgggt gccaaattotg tgttgggtgt
501 ggcaccccac aatgggtatc ctgtgacccc aggaattatg totcaagtgc cctgtatcc aaacagccag ccgcaagtcc acctagttcc tgggaacca
601 cctagtttgg tgtogaatgt gaatgggcag cctgtgcaga aagctctgaa agaaggcaaa accttggggg ccatccagat catcatttgc ctggctcaea
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901 gttggagtca tactcttcat cacagatcta agtatcccc accatattgc ctaccccagc tattatcctt acgctctggg tgtgaaacct ggaatggcga
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1501 tccgcttctc cgtcactga ctgcctgccc tcggctgttc ggctgcggcg agcggatca gctcactcaa agcgggtaat acggttatcc acagaatcag
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1701 tgacgagcat cacaaaaatc gacgctcaag tcagaggtgg cgaaaccoga caggactata aagataccag gcgtttcccc ctggaagctc cctcgtgccc
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2101 aactacgctc aactagaag gacagtattt ggtatctgct ctctgctgaa gccagttacc ttccgaaaaa gagttggtag ctcttgatcc ggcaaacaaa
2201 ccaccgctgg tagcgggtgt tttttgttt gcaagcagca gattacgccc agaaaaaaag gatctcaaga agatcctttg atcttttcta cggggtctga
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2401 tcaatctaaa gtatatatga gtaaacctgg tctgacagtt accaatgctt aatcagtgag gcacctatct cagcgatctg tctatttctg toatccatag
2501 ttgcctgact ccccgctgtg tagataacta cgataccgga gggcttacca tctggcccca gtgtgcaat gataccgca gacccacgct caccggctcc
2601 agattttaca gcaataaacc agccagccgg aagggccgag cgcagaagtg gctctgcaac tttatccgc tccatccagt ctattaattg ttccgggaa
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3001 aagtcattct gagaatagtg tatgcccgca ccgagttgct cttgcccggc gtaaatcagg gataataccg cgccacatag cagaacttta aaagtgtca
3101 tcattgaaa acgttctctg gggcgaaaac tctcaaggat cttaccgctg ttgagatcca gttcgatgta acccactcgt gcaccaact gatcttcagc
3201 atcttttact ttcaccagcg tttctgggtg agcaaaaaaca ggaaggcaaa atgccgcaaa aaaggaata agggcgacac ggaatgttg aatactcata
3301 ctcttctctt ttaaatatta ttgaagcatt tatcagggtt atgtctcat gagcggatc atatttgaat gtatttagaa aataaacaaa ataggggttc
3401 cggcacatt tccccgaaa gtgccacctg acgtctaaga aaccattatt atcatgacat taacctataa aaataggcgt atcagggc ccttctgct

> RDC0349 Translated Insert Sequence

1 mnsmtsavpv ansvlvaph ngyvptpgim shvplypnsq pqvhlvpgnp pslsvnvnqg pvqkakegk tlgaiqiiiig lahighlgsim atvlvgeyls
101 isfyggfppfw gglwfiisgs lsvaenqpy sycllsgslg lnivsaicna vgvilfitdl siphpyaypd yypyawgvnp gmaisgvllv fcllefgiac
201 asshfgcqlv ccqssnsvi ypniaanpv itpepvtpsp sysseiqa