

Specifications:

Gene:	hMAGEA1
Accession:	NP_004979.3
Insert size:	943bp
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.

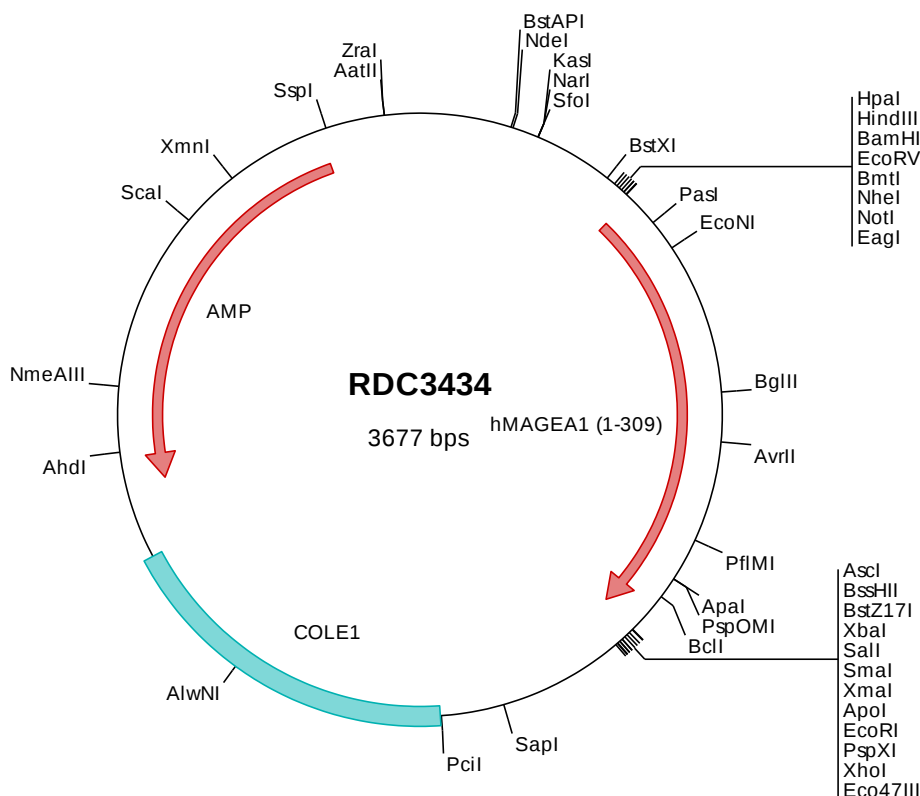
hMAGEA1 cDNA Plasmid

MAGEA1 MAGE family member
A1 [*Homo sapiens* (human)]

Also known as: CT1.1; MAGE1

Summary:

MAGEA1 is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. They have been implicated in some hereditary disorders, such as dyskeratosis congenita.



> RDC3434 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccaacc atgtctcttg agcagaggag tctgcaactgc aagcctgagg aagcccttga
501  ggcccaacaa gaggccctgg gctctgtgtg tgtgcaggct gccacctctc cctcctctcc tctggtcctg ggcaacctgg aggaggtgcc cactgtctgg
601  tcaacagatc ctccccagag tcttcaggga gctcctcgct ttcccactac catcaacttc actcgacaga ggcaaccacg tgagggttcc agcagccgtg
701  aagagggagg gccaaagcac tcttctatcc tggagtcctt gttccgagca gtaatacact agaaggtggc tgatttgggt ggtttctctg tctcacaata
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> RDC3434 Translated Insert Sequence

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1   msleqrsllh kpeealeaqq ealglvcvqa atssssplvl gtleevptag stdppqspqg asafpttinf trqrqpsqgs ssreeegpst scileslfra
101  vitkkvadlv gflllkyrar epvtkaemle sviknykhcf peifgkases lqlvfgidvk eadptghsyv lvtclglisyd gllgdnqimp ktgfliivlv
201  miammegghap eeiweelsv mevydgrehs aygeprkllt qdlvqekyle yrqvpdsdpa ryeflwgprr laetsyvkvl eyvikvsarv rfffpisrea
301  alreeeegv

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