

## Specifications:

Gene:	mMxra8
Accession:	AAH26438
Insert size:	1341bp
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.

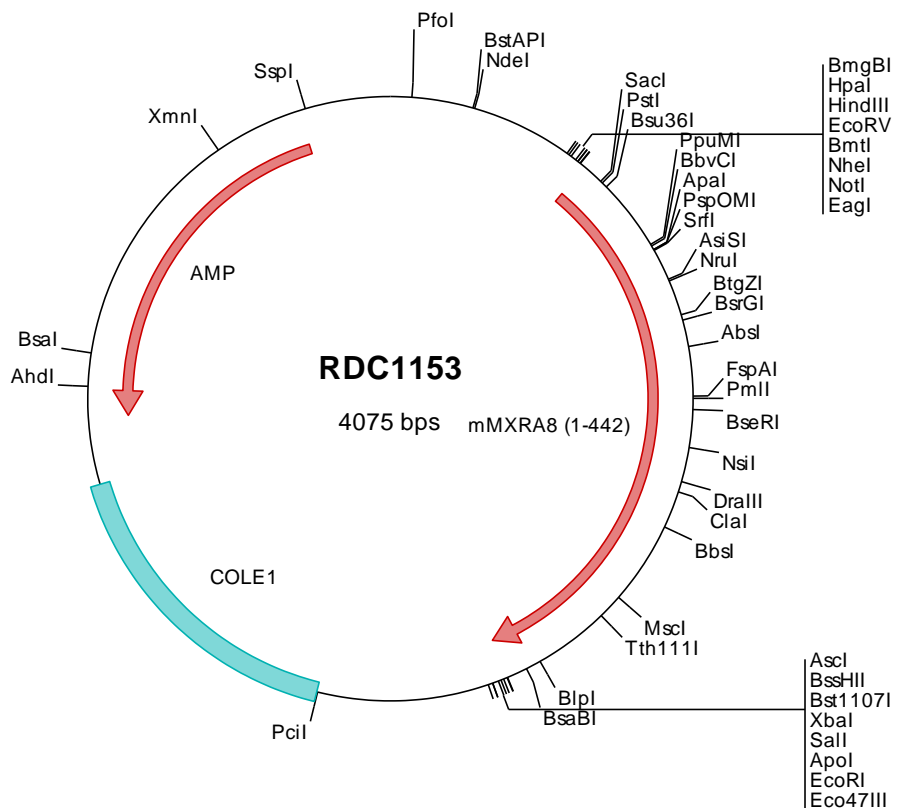
## mMXRA8/DICAM cDNA Plasmid

**Mxra8 matrix-remodelling associated 8 [ *Mus musculus* (house mouse) ]**

**Also known as:** Asp3; Dicam; AI131686

### Summary:

MXRA8/DICAM/Limitrin is a type I transmembrane protein that contains two Ig-like V-type (immunoglobulin-like) domains. It is expressed ubiquitously in various organs and cell lines. MXRA8 may play a role in the maturation and maintenance of blood-brain barrier. It may also be a negative regulator of angiogenesis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1153 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taaggccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccgatc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tccgtagcgc ggcgcgcaacc atggaactgc tgcocgtgt cctgctgtgg aaactgctgc ttcttcagag
501 ctctgcagtc ctgtcctcag ggcctcagc gaccgcagca gccagcaact ccttggtgtc tgagtctgtg gtgagcttgg cagccggaac ccaggctgtg
601 ctacgctgcc agagccccgc catggtgtgg acccaagacc ggtgcatga tccgacgctg gtggtccact gggacctcag cggggggccc ggcagccaac
701 ggcgcgcaact tgtggatag tatctggcgg gtgaacagcg cgtgtacgag ccgcgcgctc gcgacccgct cctgctgtog cctctgtctt tccacgacgg
801 caactctcgc ctgctcattc gcctgtgtga gagaggcgat gaagggtgt acacctgcaa cctgcaacct cactactgcc acctogatga gagcctggct
901 gtgcgctcgc aggttacaga ggaaccocct ttaagtccgc catactggga cggtgagaag gaagtgttgg tggtgcccca tggcgcctcc gcaactgatga
1001 cctgcatcaa ccgtgcgcac gttgtggactg accgccattt agaggaggcg cagcagggtg tccattggga ccgacageta cctggagtgt cacacgacgg
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1201 cgcggtgact tctccctacg catogatgag ctggagcgag ctgatgagg catctatcc tgcacctgc accatcacta ctgtggctcc cagcagcgcc
1301 gactcttcca cctacaggtc acagagcctg cctttgagcc accagctcgt gcttctcctg gcaatgggtc tggtcacagc agtgcctcta gcccagatcc
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1501 ttcattctgc tgcctcctac tgtagtctgc gctaacgac atcgtcacag cggaggatgc aagacgtcgg acaagaaagc tgggaagtca aaggggaagg
1601 atgtgaaact ggtggagttt gctgtagcca caaggatca ggctccatat aggactgagg acatccagct agattacaaa acaacaatcc tgaaggagag
1701 ggctgagctg gcccatagtc ctctgcctgc caaggatgtg gatctggata aagagtcoag gaaggagtac tgcaaatgag gcgcgcagc atactctaga
1801 gtcgacaccc ggggaattcc tgcagcgtc gtctctagct tggcgtaatc atggtcatag ctgtttcctg tgtgaaattg ttatccgctc acatctccac
1901 acaacatacg agccggaagc ataaagtga aagcctgggg tgcctaataa gtgagctaac tcacattaat tgcgttggc tcactgccc ctttccagtc
2001 gggaaacctg tctgtccagc tgcaattaat aatcgcccaa cgcgcgggga gaggcggtt gcgtattggg cgctctccg cttcctcgct cactcagtc
2101 ctgcgctcgg tctgtccgct gcggcgagcg gcatcagctc actcaaaagg gtaaatcagg ttatccacag aatcagggga taacgcagga aagaacatgt
2201 gagcaaaaag ccagcaaaaag gccaggaacc gtaaaaaggc cgcgttctgct gcgtttttcc ataggctccg cccccctgac gagcatcaca aaaatcgagc
2301 ctcaagtcag aggtggcgaa acccgacagg actataaaga taccagcgct tccccctgg tccccctgc aagctccctc gtgcgctctc cctgcccgtt
2401 accggatacc tgcocgctt tctccctcgc ggaagcgtg cgctttctca atgctcacc tgtaggtatc tcagttcgggt gtaggtgctt cgcctcaagc
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2901 ttaaggatt ttggtcatga gattatcaaa aaggatcttc acctagatcc ttttaaatta aaaatgaagt tttaaatcaa tctaaagtat atatgagtaa
3001 acttggctcgc acagttacca atgcttaatc agtgaggcac ctatctcagc gatctgtcta tttcgttcat ccatagttgc ctgactcccc gtcggtgata
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3201 ggcggaaagg gccgagcgca gaagtgttc tgcaacttta tccgctccta tccagctctat taattgttc cggaagcta gagtaagtat ttcgcccatt
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3701 gaaaactctc aaggatctta ccgctgttga gatccaattc gatgtaacc actcgtgcac ccaactgato ttcagcatct tttactttca ccaagctttc
3801 tgggtgagca aaaaacaggaa ggcataatgc cgcaaaaag ggaataagg cgacacggaa atgttgaata ctcatactct tctttttca atattattga
3901 agcatttatc aggttattg tctcatgagc ggatacatal ttgaatgat ttgaaaaat aaacaatag gggttccgcg cacatttccc cgaaggagtc
4001 cacctgacgt ctaagaaacc attattatca tgacattaac ctataaaaat aggcgtatca cgaggccctt tcgtc

> RDC1153 Translated Insert Sequence

1 mellsrvllw kl1lllgssav lssgpsgtaa asnslvsesv vslaagtqav lrcqsprmvw tqdrhlhqrq vvhwdlsggp gsqrrrlvdm ysageqrvyve
101 prdrdrllls psafhdgnfs lliravergd egvytcnlhh hychldesia vrlevtedpl lsraywdgek evlvvahgap almtcinrah vwtdrhleea
201 qqvvhwrql pgvshdradr lldlyasger raygppflrd rvsvntnafa rgdfslride leradegiys chllhhycgl herrvfhlgv tepafeppar
301 aspngsgshs sapsdpdltl rghsiinviv pedhthffqg lgyvlatlll fillllitvvl atrhrhsggc ktsdkkagks kgkdvnmvfe avatrdqapy
401 rtediqlqyk nnilkerael ahsplpakdv dldkefrkey ck