

Specifications:

Gene:	mAntxr2
Accession:	NP_598499
Insert size:	1477bp
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.

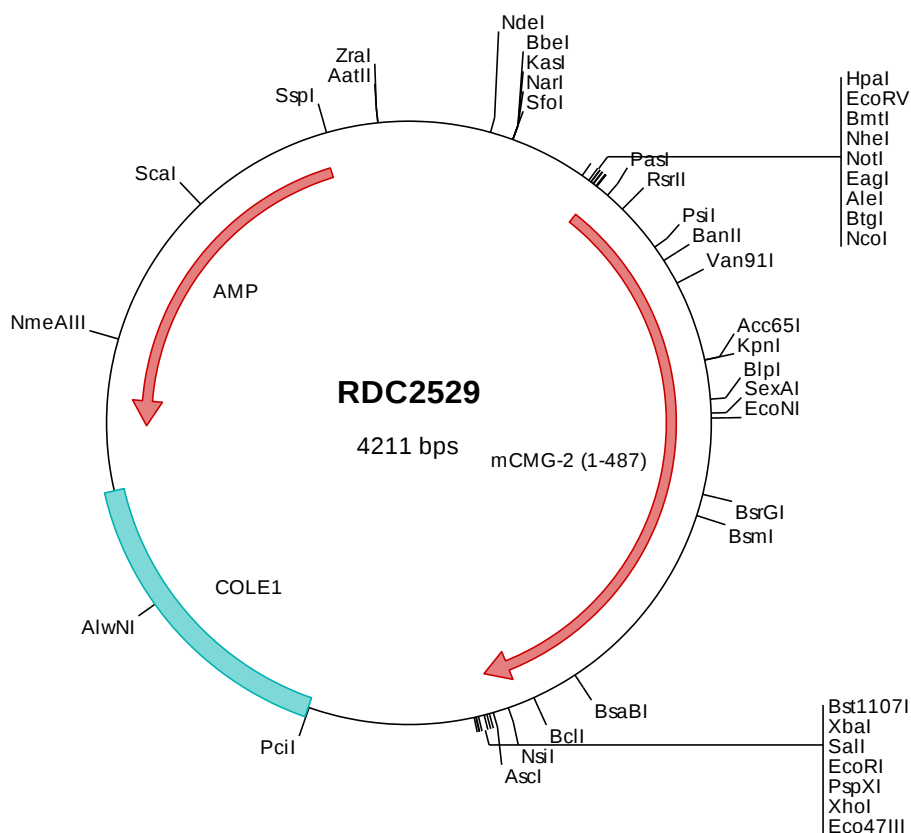
mCMG-2/ANTXR2 cDNA Plasmid

Antxr2 anthrax toxin receptor 2
[*Mus musculus* (house mouse)]

Also known as: CMG2; CMG-2; cl-35; AW561899; 2310046B19Rik

Summary:

CMG-2 is a receptor for anthrax toxin. It binds to collagen IV and laminin, suggesting that it may be involved in extracellular matrix adhesion. Mutations in CMG-2 cause juvenile hyaline fibromatosis and infantile systemic hyalinosis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2529 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtc cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggcgccg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtgaaata
201  ccgcacacat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggaatgtctg caaggcgatt aagttgggta agccagggtt tttcccagtc acgacgttgt aaaacgacgg ccagtggaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggcgcgcacc atggtggccg gtcgggtccg ggccgcgcag cctggggagc ggctgttccc
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601  aagtctggca gtgtagcaaa taactggatt gaaatttata attttgtcca ccagctgaca gagagatttg tgagccctga aatgagattg tccttcattg
701  tgtttttctt ccaagcaacc attattttgc cattaactgg agacaggtag aaaattggca aaggacttga ggattttaa ggcgttaagc cagttggaga
801  aacatacacc catgaaggac taaagcttgc aaacgaacaa attcaaaatg caggaggctt aaaagcctcc agtatcataa ttgctttgac ggaaggtaag
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2201 attggggcgt cttccgcttc ctgcgtcact gactcgctgc gctcggtcgg tcggtctgcy cagagcggta aaagggcgga atacggttat
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4101 aaatagggtt tccgcgcaca tttcccgcaa aagtgccacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaataggg gtatcacgag
4201 gccctttcgt c

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> RDC2529 Translated Insert Sequence

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201  ggfqalkgii nsilaqscete ilelspssvc vgekfqvult gravtsishd gsvlctftan stytksekp v siqpsilcp apvlnkdget levsisyndg
301  ksavsrslti tatectngia aivailvlll llgaalmwfw wplckvvik dpppppsapm eeeedplpn kkwptvdasy ygggrvggik rmevrwgdkg
401  steegarlek aknavvmvpe eeipipsrpp rprphtqapq tkwytpikgr ldalwalimk qydrvslmrp qegdegrcin fsrvphq

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