

Specifications:

Gene:	mCeacam20
Accession:	NP_082115.2
Insert size:	1747bp
Concentration:	10µg at 0.2µg/µL

mCEACAM20 cDNA Plasmid

Ceacam20 carcinoembryonic antigen-related cell adhesion molecule 20 [*Mus musculus* (house mouse)]

Also known as: 9130012D09Rik

Summary:

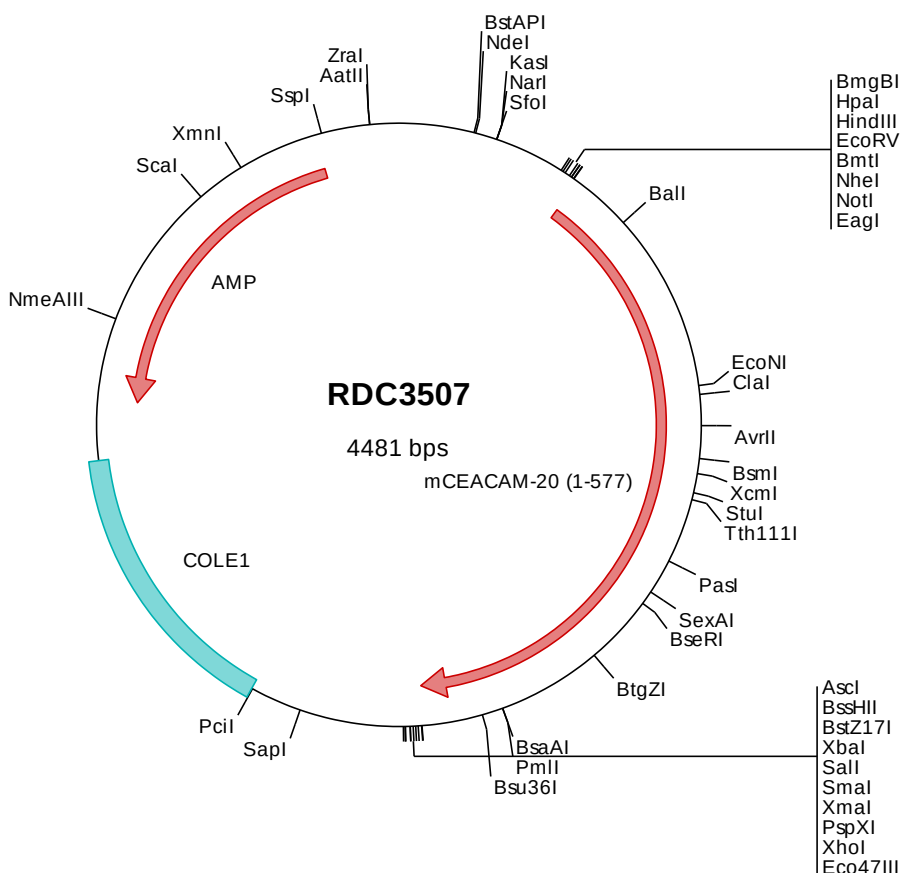
CEACAM20 belongs to the carcinoembryonic antigen (CEA) family and is a member of the immunoglobulin superfamily. The CEA family is involved in controlling tissue homeostasis, immune responses, and host/pathogen interactions. Expression of CEACAM20 can be found in tissues of prostate, testis, duodenum, and small intestine with highest expression in prostate.

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.



> RDC3507 Plasmid DNA Sequence

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1   tcgcgcgctt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtc cagcttgtct gtaagcggat gccggggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgcccagct ggcgaaaagg ggaatgtgtg caaggcgatt aagttgggta acgcccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaaat
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcgaacc atggagcttg ctgggttcca ctgctgctcg tggacagtga tccctctctc
501  agccttactt ccgaccacat ggagaccccc agctgctgcc cacttcaccc accgtgcoga cctgcttagc aacacccaga tggagagagc tccactggcc
601  aagctcacc ctcacagtcaa tcagagcact gtcacagagc agaggggaaat ggcagtttct tactgttaaca ctaatgtctga taacatcacc atccactggg
701  tctccaaaca cctctctgctt gtgttgaatg agcgcatgaa gctgtctgca gataacaaga cctcaccat cctcattgtc cagcgggagg actcggggtc
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> RDC3507 Translated Insert Sequence

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201  davsrehegm yrclvsnpvt nlsrlgvkvq qvlektvapn iefptlalve natsvtltck tshqrvghvw flkgqplrps drltlssqnr tltihglqrd
301  digpyecevw nwgsgarsvp lkltinygpd qveitgppas gvvstieaml nssltlycra dsipgaryqw thehsskvl geqlsiealr qehggiysct
401  ssndvtglar sasvlvmvvg lqssmspga iagivigily aialaigly flystkdrtw rrrsasdtts sntiptsvm qstpesrhk pmtvydntpk
501  pegeargkkm wslprdspeq fyekkpsaa pegprklplq ipkqlmppy pgrneesnye klinsnhsly ckitpsa

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