

## Specifications:

Gene:	hCEACAM6
Accession:	NP_002474
Insert size:	1048bp
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.

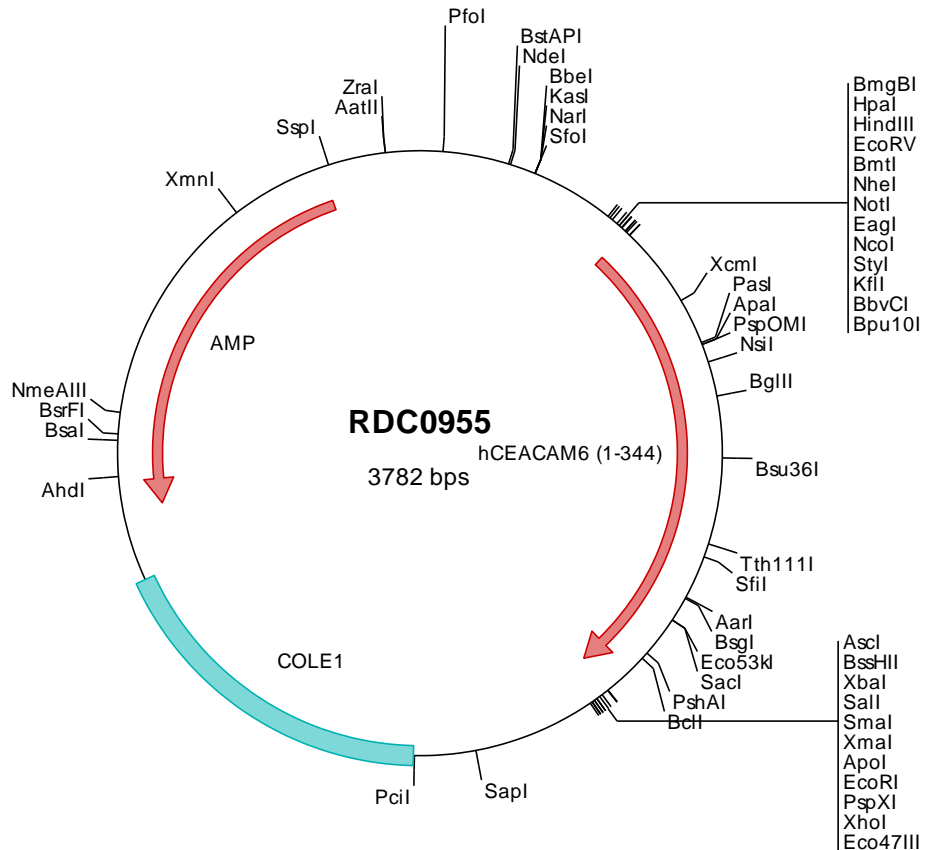
## hCEACAM-6/CD66c cDNA Plasmid

**CEACAM6** carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen) [ *Homo sapiens* (human) ]

**Also known as:** NCA; CEAL; CD66c

### Summary:

CEACAM6 is a member of the family of carcinoembryonic antigen-related cell adhesion molecules. It forms both homotypic and heterotypic bonds with CEACAM1, 5, and 8 through interactions of the V-type Ig-like domains. CEACAM6 is expressed by granulocytes and their precursors. Activation enhances surface expression by mobilizing CEACAM6 from storage in azurophilic granules. CEACAM6 is also expressed in epithelia of various organs and is upregulated in pancreatic and colon adenocarcinomas and hyperplastic polyps.





> RDC0955 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgc gtgtgaaata
201 ccgcacacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301 taacggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccgctc acgacgttg aaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggatccgata tcgctagcgc gggcgcacc atgggacccc cctcagcccc tccctgcaga ttgcattgct cctggaagga
501 ggtcctgctc acagcctcac ttctaaccct ctggaaccca cccaccactg ccaagctcac tattgaaacc acgcccgtca atgtgcgaga ggggaaggag
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701 taggaactca acaagctacc ccaggccccg catacagtgg togagagaca atatacccca atgcaccct gctgatccag aacgtcacc agaatgacac
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3701 aaagtgcac ctgacgtcta agaaccatt attatcatga cattaaccta taaaatagg cgtatcacga ggcctttgc tc

> RDC0955 Translated Insert Sequence

1 mgppsappcr lhvpwkevll taslltfwnp pttaktities tpfnvaecke vlllahnlpq nrigrswykg ervdgnsliv gyvigtqqat pgpaysgret
101 iypnaslliq nvtqndtgyf tlqviksdlv neeatgqfhw ypelpkpsis snnsnpvedk davaftcepe vqnttylwwv ngqslpvspr lqlsngnmtl
201 tllsvkrnda gsyceiqnp asanrsdpvt lnlvlygdpq tispskanyr pgenlnlsch aasnppaqys wfingtfqqs tqelfipnit vnsgsymcq
301 ahnsatglnr ttvtmitvsg sapvlsvat vgitigvlar vali