

### Specifications:

Gene:	hCEACAM8
Accession:	NP_001807
Insert size:	1063bp
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.

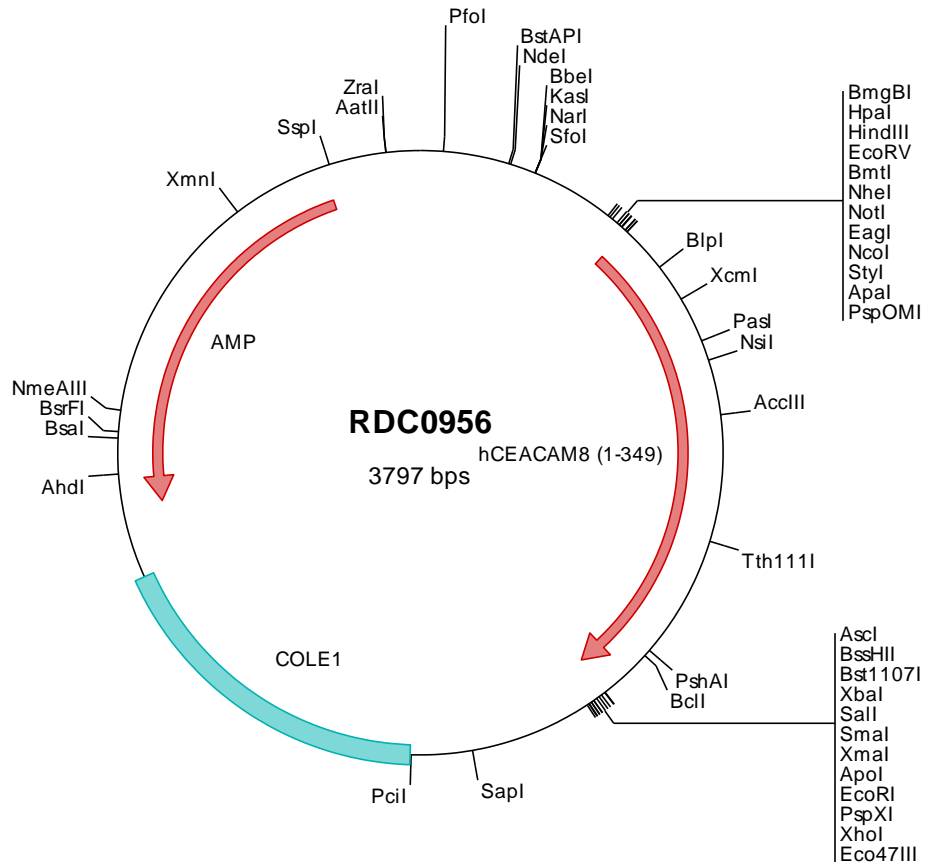
## hCEACAM-8/CD66b cDNA Plasmid

**CEACAM8** carcinoembryonic antigen-related cell adhesion molecule 8 [ *Homo sapiens* (human) ]

**Also known as:** CD67; CGM6; CD66b; NCA-95

### Summary:

CEACAM8 is a member of the family of carcinoembryonic antigen-related cell adhesion molecules. It is expressed by neutrophils and eosinophils, and serves as a binding partner for CEACAM6 and Galectin3. Mature human CEACAM8 is a GPI-linked glycoprotein and contains one V-type and two C2-type Ig-like domains. CEACAM8 is also expressed in leukocytes of chronic myeloid Leukemia patients.





> RDC0956 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taaggcagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccgatc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcctt ggatccgata tgcgtagcgc ggccgcacc atggggccca tctcagcccc ttctcgcaga tggcgcattc cctggcaggg
501 gctcctgctc acagcctcac tttcaacctt ctggaaccgc cccaccactg ctcagctcac tattgaagct gtgccatcca atgctgcaga ggggaaggag
601 gttctcttac ttgtocacaa tctgccccag gaocctcgtg gctacaactg gtacaaaggg gaacagtggt atgccaacog tcaattata ggaatgtaa
701 tatcaaatca acagattacc ccaggcctct catacagcaa togagagaca atatacccca atgcacccct gctgatcggg aacgtcacca gaaatgacac
801 aggatcctac accctacaag tcataaagct aaatcttatg agtgaagaag taactggcca gttcagcgta catccggaga ctcccaagcc ctccatctcc
901 agcaacaact ccaaccocgt ggaggacaag gatgctgtgg ccttcaacctg tgaacctgag actcagaaca caacctacct gtgggtgggta aatggtcaga
1001 gtctcccggg cagtcccagg ctgcagctgt ccaatggcaa caggaccctc actctactca gtgtcacaag gaatgacgta ggaccctatg aatgtgaaat
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2301 taagacacga cttatcgcca ctggcagcag ccaactgtaa caggattagc agagcgaggt atgtaggcgg tgctacagag ttcttgaagt ggtggcctaa
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2501 accgctggtg gcggtggttt tttgtttgc aagcagcaga ttacgcgcag aaaaaagga tctcaagaag atcctttgat ctttctacg ggtctgacg
2601 ctcagtgtaa cgaaaactca cgttaagga ttttggctat gagattatca aaaaggatct tcacctagat ctttttaaat taaaaatgaa gttttaaact
2701 aatctaaagt atatatgagt aaacttggtc tgacagttac caatgcttaa tcagtgagcc acctatctca gcgatctgtc tatttctgtc atccatagtt
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3701 cgcacatttc cccgaaaagt gccacctgac gctcaagaa ccattattat catgacatta acctataaaa ataggcgtat cacgagggcc tttcgtc

> RDC0956 Translated Insert Sequence

1 mgpisapsr wripwqglll taslftfwnp pttlaqtiea vpsnaeagke vlllvhnlpq dprgynwykg etvdanrii gyvisnqqit pgpaysnret
101 iypnasllmr nvrndtgsy tlqviklnlm sevtgqfsv hpetpkpsis snnsnpvedk davaftcepe tqnttylwwv ngqslpvspr lqlsngnrtl
201 tllsvtrndv gpyeceiqnp asanfsdpvt lnlvlypdap tispsdtyyh agvnlnlsh aasnppsqs wsvngtfqyy tqklfipnit tknsgsyach
301 ttnsatgrnr ttvrmitsvd alvqsspgl saratvsimi gularvali