

Specifications:

Gene:	hCEACAM6
Accession:	NP_002474
Insert size:	1048bp
Concentration:	10µg at 0.2µg/µL

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:

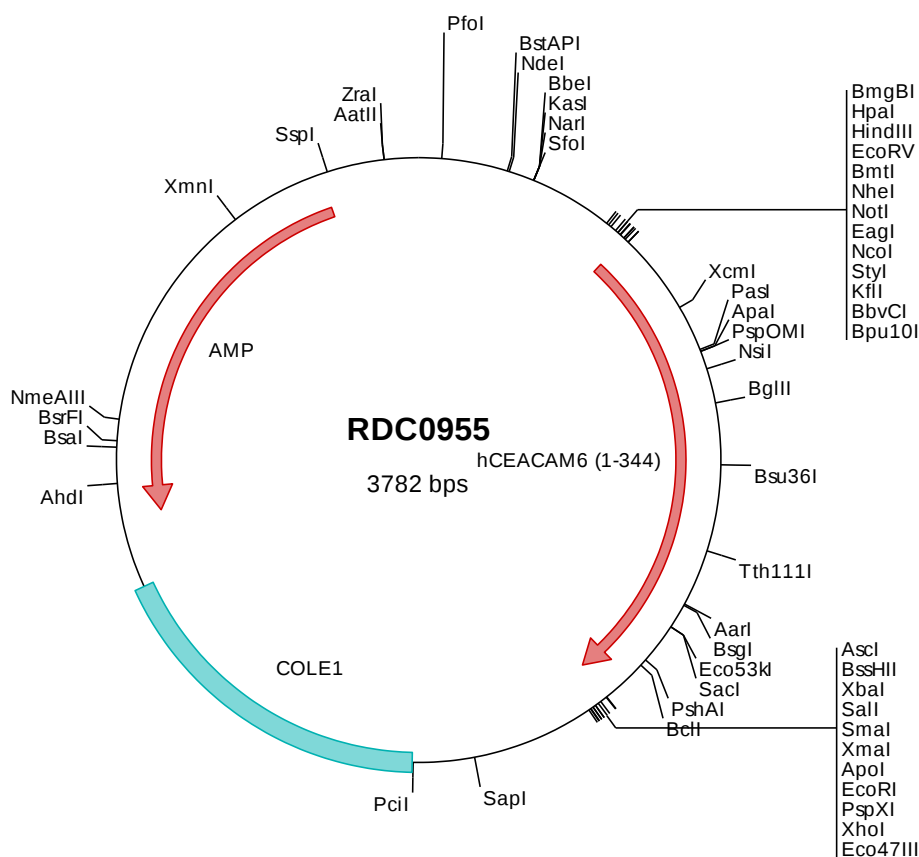
CEACAM6 is a member of the family of carcinoembryonic antigen-related cell adhesion molecules. It forms both homotypic and heterotypic bonds with CEACAM1, 5, and 8 through interactions of the V-type Ig-like domains. CEACAM6 is expressed by granulocytes and their precursors. Activation enhances surface 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.

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.



> RDC0955 Plasmid DNA Sequence

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> RDC0955 Translated Insert Sequence

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