

## Product datasheet for SC118611

### CEACAM6 (NM\_002483) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CEACAM6 (NM_002483) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEACAM6
Synonyms:	CD66c; CEAL; NCA
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC118611 sequence for NM_002483 edited (data generated by NextGen Sequencing)

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ATGGGACCCCTCAGCCCTCCCTGCAGATTGCATGTCCCTGGAAGGAGGTCCTGCTC
ACAGCCTCACTTCTAACCTTCTGGAACCCACCCACCACTGCCAAGCTCACTATTGAATCC
ACGCCGTTCAATGTCGCAGAGGGGAAGGAGTTCTTCTACTCGCCACAACTGCCCCAG
AATCGTATTGGTTACAGCTGGTACAAAGGCGAAAGAGTGGATGGCAACAGTCTAATTGTA
GGATATGTAATAGGAACTCAACAAGCTACCCAGGGCCCGCATACAGTGGTTCGAGAGACA
ATATACCCCAATGCATCCCTGCTGATCCAGAACGTCACCCAGAATGACACAGGATTCTAT
ACCCTACAAGTCATAAAGTCAGATCTTGTGAATGAAGAAGCAACCGGACAGTTCATGTA
TACCCGGAGCTGCCCAAGCCCTCCATCTCCAGCAACAACCTCAACCCCGTGGAGGACAAG
GATGCTGTGGCCTTACCTGTGAACCTGAGGTTTCAAGCAACAACCTACCTGTGGTGGTA
AATGGTCAGAGCCTCCCGGTGAGTCCCAGGCTGCAGCTGTCCAATGGCAACATGACCCTC
ACTCTACTCAGCGTCAAAAGGAACGATGCAGGATCCTATGAATGTGAAATACAGAACCCA
GCGAGTGCCAACCGCAGTGACCCAGTACCCTGAATGTCTCTATGGCCAGATGTCCCC
ACCATTTCCCTCAAAGGCCAATTACCGTCCAGGGGAAAATCTGAACCTCTCCTGCCAC
GCAGCCTTAACCCACCTGCACAGTACTTGGTTTATCAATGGGACGTTCCAGCAATCC
ACACAAGAGCTCTTTATCCCAACATCACTGTGAATAATAGCGGATCCTATATGTGCCAA
GCCATAACTCAGCCACTGGCCTCAATAGGACCACAGTCACGATGATCACAGTCTCTGGA
AGTGCTCCTGTCTCAGCTGTGGCCACCGTCGGCATCACGATTGGAGTGTGGCCAGG
GTGGCTCTGATATAG

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Clone variation with respect to NM\_002483.4  
716 g=>t

Restriction Sites:	Please inquire
ACCN:	NM_002483



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<b>Insert Size:</b>	2600 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	A TrueClone in Neo vector.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_002483.3</a> , <a href="#">NP_002474.3</a>
<b>RefSeq Size:</b>	2527 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	4680
<b>UniProt ID:</b>	<a href="#">P40199</a>
<b>Cytogenetics:</b>	19q13.2
<b>Domains:</b>	ig
<b>Gene Summary:</b>	This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations of carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clustered with genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19. [provided by RefSeq, Apr 2014]