

Product datasheet for **SC316946**

CEACAM20 (NM_001102600) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEACAM20 (NM_001102600) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEACAM20
Synonyms:	UNQ9366
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC316946 representing NM_001102600.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGGCCTGCTGACTCATGGGGACACCACTGGATGGGAATCCTGCTTTCAGCCTCGCTTTGTACCGTA
TGGAGTCTCCAGCTGCAGCCAGCTCACCTCAATGCCAACCCACTTGATGCCACCCAAAGTGAGGAT
GTTGTTCTGCCTGTGTTTGGGACCCCGAGGACACCCAGATTCATGGCAGATCCAGAGAGCTGGCCAAA
CCCTCCATTGCAGTCAGCCAGGCACTGCCATAGAGCAGAAGGACATGGTGACCTTCTACTGCACCACT
AAGGACGTCAACATTACCATCCACTGGGTTTCCAACAACCTCTCCATTGTGTTCCATGAGCGCATGCAG
CTGTCCAAGGATGGCAAGATCCTCACCATTCTCATTGTCCAGCGGGAGGACTCAGGGACTTACCAATGT
GAAGCTCGAGATGCCCTTCTGAGCCAGAGGAGCGACCCCATCTTCTGGATGTGAAGTATGGTCTGAT
CCTGTTGAAATCAAATTGGAGTCTGGTGTGCCAGTGGGAGGTGGTTGAGGTGATGGAGGGCTCCAGC
ATGACCTTCTTAGCGAAACAAAGTCTCACCCACCTGTGCCTATACTTGGTTTCTCCTTGACTCCATT
CTGTCTCACACCAGGAAACATTACCATCCATGCTGTGTCCAGAGAACATGAGGGCCTGTACAGGTGC
TTGGTGTCCAACAGTGCCACCCACTGTCCAGCCTGGGTACTCTGAAGTCCGAGTACTTGAAACTG
ACCATGCCTCAAGTCGTGCCTTCAAGCCTGAACCTTGTGGAGAATGCTAGGTCTGTGGACCTGACCTGC
CAAACCGTCAATCAGAGTGTGAATGTCCAGTGGTTCCTAAGTGGCCAGCCCTCCTGCCAGTGAGCAC
CTGCAGCTGTGAGCTGACAACAGGACCCTAATCATCCATGGCCTCCAGCGGAATGACACCGGGCCCTAT
GCCTGTGAGGTCTGGAAGTGGGGCAGCCGGGCCGGAGTGAGCCCTTGAGCTGACCATCAACTATGGT
CCTGACCAAGTGACATCACCAGGGAGTCGGCATCTGAGATGATCAGCACCATAGAGGCAGAGCTCAAC
TCCAGCTGACCCTGCAGTGTGGGCCGAGTCCAAGCCAGGTGCTGAGTATCGCTGGACTTTGAACAC
TCCACCGGGGAGCACCTGGGTGAGCAGCTGATTATCAGGGCTCTGACCTGGGAACACGACGGGATCTAC
AAGTGCACAGCCTCCAACCTCTCTACTGGCCTGGCCCGCTCCACTTCAGTCTGGTCAAGGTGGTAGGT
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GTGGCCTCAGAACTGGGCTATTTTCTCTGCATCAGAAATGCCAGACGGCCCTCAAGGAAAACAACAGAG
GACCCAGTATGAGACCTCACAAACCCATCCCGAAGGAGGAGCACCCACAGAGCCAGTCCGAAAGC
CTGAGTCTGAGTATCGCAATATATCCAGCTTCAAGGACGGATCAGAGTCAAGTACGAAAGCTGCCT
TCAGCAAGCCGTAGAGGCAATTTTTCAGCCCTGGAAGCCACCACCCAAACCTCTGATGCCCCACTC
AGATTGGTCTCCACTGTGCCAAAAACATGGAGTCAATCTATGAGGAGCTGTGAATCCAGAGCCCAAC
ACTTACATCCAAATCAACCCCTCCGTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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- Restriction Sites:** SgfI-MluI
- Plasmid Map:** □
- ACCN:** NM_001102600
- Insert Size:** 1755 bp
- OTI Disclaimer:** 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- Components:** 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).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_001102600.2
RefSeq Size:	1773 bp
RefSeq ORF:	1755 bp
Locus ID:	125931
UniProt ID:	Q6UY09
Cytogenetics:	19q13.31
Protein Families:	Transmembrane
MW:	64.4 kDa
Gene Summary:	<p>Together with the tyrosine-protein kinase SYK, enhances production of the cytokine CXCL8/IL-8 via the NFKB pathway and may thus have a role in the intestinal immune response. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5S) lacks an alternate in-frame exon in the 3' coding region, compared to variant 5L, resulting in an isoform (5S) that is shorter than isoform 5L.</p>