

Product datasheet for **SC316938**

CEACAM20 (NM_001102599) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEACAM20 (NM_001102599) 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: >SC316938 representing NM_001102599.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGCCTGCTGACTCATGGGGACACCACTGGATGGGAATCCTGCTTTCAGCCTCGCTTTGTACCGTA
TGGAGTCCTCCAGCTGCAGCCCAGCTCACCTCAATGCCAACCCACTTGATGCCACCCAAAGTGAGGAT
GTTGTTCTGCCTGTGTTTGGGACCCCGAGACACCCAGATTCATGGCAGATCCAGAGAGCTGGCCAAA
CCCTCCATTGCAGTCAGCCCAGGCACTGCCATAGAGCAGAAGGACATGGTGACCTTCTACTGCACCACT
AAGGACGTCAACATTACCATCCACTGGGTTTCCAACAACCTCTCCATTGTGTTCCATGAGCGCATGCAG
CTGTCCAAGGATGGCAAGATCCTCACCATTCTCATTGTCCAGCGGGAGGACTCAGGGACTTACCAATGT
GAAGCTCGAGATGCCCTTCTGAGCCAGAGGAGCGACCCCATCTTCTGGATGTGAAGTATGGTCTGAT
CCTGTTGAAATCAAATTGGAGTCTGGTGTGCCAGTGGGAGGTGGTTGAGGTGATGGAGGGCTCCAGC
ATGACCTTCTTAGCGAAACAAAGTCTCACCCACCTGTGCCTATACTTGGTTTCTCCTTGACTCCATT
CTGTCTCACACCAGGAAACATTACCATCCATGCTGTGTCCAGAGAACATGAGGGCCTGTACAGGTGC
TTGGTGTCCAACAGTGCCACCCACTGTCCAGCCTGGGTACTCTGAAGTCCGAGTACTTGAACACTG
ACCATGCCTCAAGTCGTGCCTTCAAGCCTGAACCTTGTGGAGAATGCTAGGTCTGTGGACCTGACCTGC
CAAACCGTCAATCAGAGTGTGAATGTCCAGTGGTTCTAAGTGGCCAGCCCTCCTGCCAGTGAGCAC
CTGCAGCTGTGAGTGCAGCAACAGGACCCTAATCATCCATGGCCTCCAGCGGAATGACACCGGGCCCTAT
GCCTGTGAGGTCTGGAAGTGGGGCAGCCGGGCCGGAGTGAAGCCCTTGAGCTGACCATCAACTGTCCC
CAGTCCCTCCTCCTGTCTCAGGGGCCATCGTGGTATTGTATCGGGATCCTGGCTGTCTTGTGTG
GCCTCAGAAGTGGGCTATTTTCTCTGCATCAGAAATGCCAGACGGCCCTCAAGGAAAACAACAGAGGAC
CCCAGTCATGAGACCTCACAAACCATCCCGAAGGAGGAGCACCCACAGAGCCAGTTCGAAAGCCTG
AGTCTGAGTATCGCAATATATCCAGCTTCAGGGACGGATCAGAGTCGAACTGATGCAACCACCGAGAC
CTTCCAGAGGAGACCTATGAGACGAAGTGCCTTCAGCAAGCCGTAGAGGCAATTCTTTCAGCCCTGG
AAGCCACCACCCAAACCTCTGATGCCCCACTCAGATTGGTCTCCACTGTGCCAAAAACATGGAGTCA
ATCTATGAGGAGCTTGTGAATCCAGAGCCAACTTACATCCAAATCAACCCCTCCGCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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- Restriction Sites:** SgfI-MluI
- Plasmid Map:** □
- ACCN:** NM_001102599
- Insert Size:** 1512 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:

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_001102599.2](#)

RefSeq Size: 1530 bp

RefSeq ORF: 1512 bp

Locus ID: 125931

UniProt ID: [Q6UY09](#)

Cytogenetics: 19q13.31

Protein Families: Transmembrane

MW: 55.6 kDa

Gene Summary: 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]
Transcript Variant: This variant (4L) lacks an alternate in-frame exon in the central coding region, compared to variant 5L, resulting in an isoform (4L) that is shorter than isoform 5L.