

Product datasheet for **SC316937**

CEACAM20 (NM_001102598) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEACAM20 (NM_001102598) 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: >SC316937 representing NM_001102598.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGGCCTGCTGACTCATGGGGACACCACTGGATGGGAATCCTGCTTTCAGCCTCGCTTTGTACCGTA
TGGAGTCTCCAGCTGCAGCCCAGCTCACCTCAATGCCAACCCACTTGATGCCACCCAAAGTGAGGAT
GTTGTTCTGCCTGTGTTTGGGACCCCGAGGACACCCAGATTTCATGGCAGATCCAGAGAGCTGGCCAAA
CCCTCCATTGCAGTCAGCCCAGGCACTGCCATAGAGCAGAAGGACATGGTGACCTTCTACTGCACCACT
AAGGACGTCAACATTACCATCCACTGGGTTTCCAACAACCTCTCCATTGTGTTCCATGAGCGCATGCAG
CTGTCCAAGGATGGCAAGATCCTCACCATTCTCATTGTCCAGCGGGAGGACTCAGGGACTTACCAATGT
GAAGCTCGAGATGCCCTTCTGAGCCAGAGGAGCGACCCCATCTTCTGGATGTGAAGTATGGTCTGAT
CCTGTTGAAATCAAATTGGAGTCTGGTGTGCCAGTGGGAGGTGGTTGAGGTGATGGAGGGCTCCAGC
ATGACCTTCTTAGCGAAACAAAGTCTCACCCACCTGTGCCTATACTTGGTTTCTCCTTGACTCCATT
CTGTCTCACACCAGGAAACATTACCATCCATGCTGTGTCCAGAGAACATGAGGGCCTGTACAGGTGC
TTGGTGTCCAACAGTGCCACCCACTGTCCAGCCTGGGTACTCTGAAGTCCGAGTACTTGAACACTG
ACCATGCCTCAAGTCGTGCCTTCAAGCCTGAACCTTGTGGAGAATGCTAGGTCTGTGGACCTGACCTGC
CAAACCGTCAATCAGAGTGTGAATGTCCAGTGGTTCCTAAGTGGCCAGCCCTCCTGCCAGTGAGCAC
CTGCAGCTGTGAGTGCAGCAACAGGACCCTAATCATCCATGGCCTCCAGCGGAATGACACCGGGCCCTAT
GCCTGTGAGGTCTGGAAGTGGGGCAGCCGGGCCGGAGTGAAGCCCTTGAGCTGACCATCAACTGTCCC
CAGTCTCCTCCTGTCTCAGGGCCATCGTGGTATTGTATCGGGATCCTGGCTGTCACTTGTGTG
GCCTCAGAAGTGGGCTATTTTCTCTGCATCAGAAATGCCAGACGGCCCTCAAGGAAAACAACAGAGGAC
CCCAGTCATGAGACCTCACAAACCATCCCGAAGGAGGAGCACCCACAGAGCCAGTCCGAAAGCCTG
AGTCCTGAGTATCGCAATATATCCAGCTTCAGGGACGGATCAGAGTCGAACTGACGAAGCTGCCTTCA
GCAAGCCGTAGAGGCAATTCTTTAGCCCTGGAAGCCACCACCCAAACCTCTGATGCCCCCACTCAGA
TTGGTCTCCACTGTGCCAAAAACATGGAGTCAATCTATGAGGAGCTTGTGAATCCAGAGCCCAACT
TACATCCAAATCAACCCCTCCGTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul

Plasmid Map: □

ACCN: NM_001102598

Insert Size: 1476 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:	<u>NM_001102598.2</u>
RefSeq Size:	1494 bp
RefSeq ORF:	1476 bp
Locus ID:	125931
UniProt ID:	<u>Q6UY09</u>
Cytogenetics:	19q13.31
Protein Families:	Transmembrane
MW:	54.2 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 (4S) lacks an alternate in-frame exon in both the central and 3' coding regions, compared to variant 5L, resulting in an isoform (4S) that is shorter than isoform 5L.</p>