

Product datasheet for RC214882L3

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

CEACAM20 (NM_001102598) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CEACAM20 (NM 001102598) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: CEACAM20
Synonyms: UNQ9366
Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC214882).

Sequence:

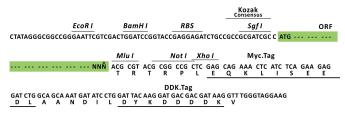
Sgfl-Mlul

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf 1 ORF Mlu I

GCG ATC GCC ATG ---//--- NNN ACG CGT ---



 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_001102598

ORF Size: 1473 bp





CEACAM20 (NM_001102598) Human Tagged Lenti ORF Clone - RC214882L3

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 001102598.1</u>, <u>NP 001096068.1</u>

 RefSeq Size:
 1494 bp

 RefSeq ORF:
 1476 bp

 Locus ID:
 125931

 UniProt ID:
 Q6UY09

 Cytogenetics:
 19q13.31

Protein Families: Transmembrane

MW: 54 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]