

## Product datasheet for **RC212214L3V**

### CEACAM7 (NM\_006890) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

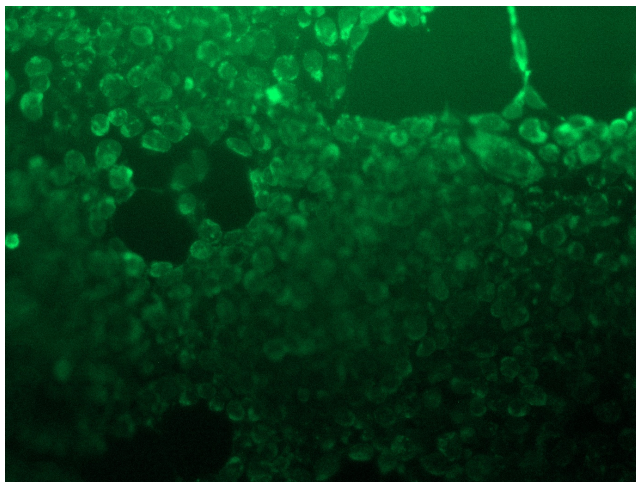
Product Type:	Lentiviral Particles
Product Name:	CEACAM7 (NM_006890) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CEACAM7
Synonyms:	CGM2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006890
ORF Size:	795 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212214).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_006890.1</a>
RefSeq Size:	2292 bp
RefSeq ORF:	798 bp
Locus ID:	1087
UniProt ID:	<a href="#">Q14002</a>
Cytogenetics:	19q13.2
MW:	29.2 kDa



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**Gene Summary:**

This gene encodes a cell surface glycoprotein and member of the carcinoembryonic antigen (CEA) family of proteins. Expression of this gene may be downregulated in colon and rectal cancer. Additionally, lower expression levels of this gene may be predictive of rectal cancer recurrence. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

**Product images:**

[RC212214L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC212214L3V particle to overexpress human CEACAM7-Myc-DDK fusion protein.