

Product datasheet for **RC206434L4V**

CEACAM5 (NM_004363) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CEACAM5 (NM_004363) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CEACAM5
Synonyms:	CD66e; CEA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004363
ORF Size:	2106 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206434).
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.
RefSeq:	NM_004363.2
RefSeq Size:	3516 bp
RefSeq ORF:	2109 bp
Locus ID:	1048
UniProt ID:	P06731
Cytogenetics:	19q13.2
MW:	76.79 kDa



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Gene Summary:

This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. 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]