

Product datasheet for **RC202746L4V**

CELA2A (NM_033440) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CELA2A (NM_033440) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CELA2A
Synonyms:	AOMS4; ELA2A; PE-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033440
ORF Size:	807 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202746).
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_033440.1
RefSeq Size:	934 bp
RefSeq ORF:	810 bp
Locus ID:	63036
UniProt ID:	P08217
Cytogenetics:	1p36.21
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	28.9 kDa



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Gene Summary:

Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Like most of the human elastases, elastase 2A is secreted from the pancreas as a zymogen. In other species, elastase 2A has been shown to preferentially cleave proteins after leucine, methionine, and phenylalanine residues. [provided by RefSeq, May 2009]