

Product datasheet for **RC203009L4V**

CES2 (NM_003869) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CES2 (NM_003869) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CES2
Synonyms:	CE-2; CES2A1; iCE; PCE-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003869
ORF Size:	1869 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203009).
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_003869.4
RefSeq Size:	3955 bp
RefSeq ORF:	1680 bp
Locus ID:	8824
UniProt ID:	O00748
Cytogenetics:	16q22.1
Domains:	COesterase
Protein Families:	Druggable Genome



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Protein Pathways: Drug metabolism - other enzymes

MW: 68.9 kDa

Gene Summary: This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. The protein encoded by this gene is the major intestinal enzyme and functions in intestine drug clearance. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Oct 2010]