

Product datasheet for **RC201711L4V**

CMBL (NM_138809) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CMBL (NM_138809) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CMBL
Synonyms:	JS-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138809
ORF Size:	735 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201711).
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_138809.3
RefSeq Size:	4047 bp
RefSeq ORF:	738 bp
Locus ID:	134147
UniProt ID:	Q96DG6
Cytogenetics:	5p15.2
Domains:	DLH
Protein Pathways:	Metabolic pathways



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MW: 28 kDa

Gene Summary: CMBL (EC 3.1.1.45) is a cysteine hydrolase of the diene lactone hydrolase family that is highly expressed in liver cytosol. CMBL preferentially cleaves cyclic esters, and it activates medoxomil-ester prodrugs in which the medoxomil moiety is linked to an oxygen atom (Ishizuka et al., 2010 [PubMed 20177059]).[supplied by OMIM, Apr 2010]