

Product datasheet for **RC208922L2V**

CDA (NM_001785) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CDA (NM_001785) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDA
Synonyms:	CDD
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001785
ORF Size:	438 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208922).
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_001785.1 , NP_001776.1
RefSeq Size:	892 bp
RefSeq ORF:	441 bp
Locus ID:	978
UniProt ID:	P32320
Cytogenetics:	1p36.12
Domains:	dCMP_cyt_deam
Protein Families:	Stem cell - Pluripotency



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Protein Pathways: Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

MW: 16 kDa

Gene Summary: This gene encodes an enzyme involved in pyrimidine salvaging. The encoded protein forms a homotetramer that catalyzes the irreversible hydrolytic deamination of cytidine and deoxycytidine to uridine and deoxyuridine, respectively. It is one of several deaminases responsible for maintaining the cellular pyrimidine pool. Mutations in this gene are associated with decreased sensitivity to the cytosine nucleoside analogue cytosine arabinoside used in the treatment of certain childhood leukemias. [provided by RefSeq, Jul 2008]