

Product datasheet for **RC204989L4V**

C22orf28 (RTCB) (NM_014306) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C22orf28 (RTCB) (NM_014306) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C22orf28
Synonyms:	C22orf28; DJ149A16.6; FAAP; HSPC117
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014306
ORF Size:	1515 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204989).
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_014306.2
RefSeq Size:	2081 bp
RefSeq ORF:	1518 bp
Locus ID:	51493
UniProt ID:	Q9Y3I0
Cytogenetics:	22q12.3
Domains:	UPF0027
MW:	55.2 kDa


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Gene Summary:

Catalytic subunit of the tRNA-splicing ligase complex that acts by directly joining spliced tRNA halves to mature-sized tRNAs by incorporating the precursor-derived splice junction phosphate into the mature tRNA as a canonical 3',5'-phosphodiester. May act as an RNA ligase with broad substrate specificity, and may function toward other RNAs.
[UniProtKB/Swiss-Prot Function]