

Product datasheet for **RC204827L4V**

RNase H2 subunit C (RNASEH2C) (NM_032193) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RNase H2 subunit C (RNASEH2C) (NM_032193) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RNase H2 subunit C
Synonyms:	AGS3; AYP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032193
ORF Size:	492 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204827).
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_032193.3
RefSeq Size:	2785 bp
RefSeq ORF:	495 bp
Locus ID:	84153
UniProt ID:	Q8TDP1
Cytogenetics:	11q13.1
Protein Pathways:	DNA replication
MW:	17.8 kDa



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Gene Summary:

This gene encodes a ribonuclease H subunit that can cleave ribonucleotides from RNA:DNA duplexes. Mutations in this gene cause Aicardi-Goutieres syndrome-3, a disease that causes severe neurologic dysfunction. A pseudogene for this gene has been identified on chromosome Y, near the sex determining region Y (SRY) gene. [provided by RefSeq, Jul 2008]