

Product datasheet for **RC205611L4V**

DNase gamma (DNASE1L3) (NM_004944) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DNase gamma (DNASE1L3) (NM_004944) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DNase gamma
Synonyms:	DHP2; DNASE1L3; LSD; SLEB16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004944
ORF Size:	915 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205611).
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_004944.2
RefSeq Size:	1076 bp
RefSeq ORF:	918 bp
Locus ID:	1776
UniProt ID:	Q13609
Cytogenetics:	3p14.3
Domains:	Exo_endo_phos, DNaseIc
Protein Families:	Druggable Genome


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MW: 35.5 kDa

Gene Summary: This gene encodes a member of the deoxyribonuclease I family. The encoded protein hydrolyzes DNA, is not inhibited by actin, and mediates the breakdown of DNA during apoptosis. Mutations in this gene are a cause of systemic lupus erythematosus-16. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]