

Product datasheet for **RC214291L4V**

DNASE2B (NM_058248) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DNASE2B (NM_058248) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DNASE2B
Synonyms:	DLAD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_058248
ORF Size:	459 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214291).
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_058248.1 , NP_490649.1
RefSeq Size:	1029 bp
RefSeq ORF:	462 bp
Locus ID:	58511
UniProt ID:	Q8WZ79
Cytogenetics:	1p31.1-p22.3
Protein Families:	Transmembrane
Protein Pathways:	Lysosome



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MW: 17.8 kDa

Gene Summary: The protein encoded by this gene shares considerable sequence similarity to, and is structurally related to DNase II. The latter is a well characterized endonuclease that catalyzes DNA hydrolysis in the absence of divalent cations at acidic pH. Unlike DNase II which is ubiquitously expressed, expression of this gene product is restricted to the salivary gland and lungs. The gene has been localized to chromosome 1p22.3 adjacent (and in opposite orientation) to the uricase pseudogene. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]