

## Product datasheet for **RC202768L4V**

### **DNAL1 (NM\_031427) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	DNAL1 (NM_031427) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DNAL1
Synonyms:	C14orf168; CILD16; LC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031427
ORF Size:	453 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202768).
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. <a href="#">More info</a>
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:	<a href="#">NM_031427.2</a> , <a href="#">NP_113615.1</a>
RefSeq Size:	8538 bp
RefSeq ORF:	573 bp
Locus ID:	83544
UniProt ID:	<a href="#">Q4LDG9</a>
Cytogenetics:	14q24.3
Domains:	LRR, LRR_SD22
Protein Pathways:	Huntington's disease



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**MW:** 17.1 kDa

**Gene Summary:** This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011]