

## Product datasheet for RC212111L4V

### DNALI1 (NM\_003462) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DNALI1 (NM_003462) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DNALI1
Synonyms:	dj423B22.5; hp28; P28
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003462
ORF Size:	840 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212111).
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_003462.3</a> , <a href="#">NP_003453.2</a>
RefSeq Size:	2663 bp
RefSeq ORF:	777 bp
Locus ID:	7802
UniProt ID:	<a href="#">O14645</a>
Cytogenetics:	1p34.3
Protein Pathways:	Huntington's disease
MW:	31.7 kDa


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**Gene Summary:**

This gene is the human homolog of the Chlamydomonas inner dynein arm gene, p28. The precise function of this gene is not known, however, it is a potential candidate for immotile cilia syndrome (ICS). Ultrastructural defects of the inner dynein arms are seen in patients with ICS. Immotile mutant strains of Chlamydomonas, a biflagellated algae, exhibit similar defects. [provided by RefSeq, Jul 2008]