

## Product datasheet for **RC205452L3V**

### **LRRC50 (DNAAF1) (NM\_178452) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	LRRC50 (DNAAF1) (NM_178452) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LRRC50
Synonyms:	CILD13; DAU1; LRRC50; ODA7; swt
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_178452
ORF Size:	2175 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205452).
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_178452.3</a> , <a href="#">NP_848547.3</a>
RefSeq Size:	2451 bp
RefSeq ORF:	2178 bp
Locus ID:	123872
UniProt ID:	<a href="#">Q8NEP3</a>
Cytogenetics:	16q24.1
MW:	80 kDa



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**Gene Summary:**

The protein encoded by this gene is cilium-specific and is required for the stability of the ciliary architecture. It is involved in the regulation of microtubule-based cilia and actin-based brush border microvilli. Mutations in this gene are associated with primary ciliary dyskinesia-13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]