

## Product datasheet for **RC214806L4V**

### **FHDC1 (NM\_033393) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	FHDC1 (NM_033393) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FHDC1
Synonyms:	INF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033393
ORF Size:	3429 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214806).
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_033393.1</a> , <a href="#">NP_203751.1</a>
RefSeq Size:	6470 bp
RefSeq ORF:	3432 bp
Locus ID:	85462
UniProt ID:	<a href="#">Q9C0D6</a>
Cytogenetics:	4q31.3
MW:	124.6 kDa



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**Gene Summary:**

Microtubule-associated formin which regulates both actin and microtubule dynamics. Induces microtubule acetylation and stabilization and actin stress fiber formation (PubMed:18815276). Regulates Golgi ribbon formation (PubMed:26564798). Required for normal cilia assembly. Early in cilia assembly, may assist in the maturation and positioning of the centrosome/basal body, and once cilia assembly has initiated, may also promote cilia elongation by inhibiting disassembly (PubMed:29742020).[UniProtKB/Swiss-Prot Function]