

## Product datasheet for **RC213412L4V**

### Filensin (BFSP1) (NM\_001195) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Filensin (BFSP1) (NM_001195) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Filensin
Synonyms:	CP94; CP115; CTRCT33; LIFL-H
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001195
ORF Size:	1995 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213412).
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_001195.2</a>
RefSeq Size:	2176 bp
RefSeq ORF:	1998 bp
Locus ID:	631
UniProt ID:	<a href="#">Q12934</a>
Cytogenetics:	20p12.1
Domains:	filament
MW:	74.4 kDa



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**Gene Summary:**

This gene encodes a lens-specific intermediate filament-like protein named filensin. The encoded protein is expressed in lens fiber cells after differentiation has begun. This protein functions as a component of the beaded filament which is a cytoskeletal structure found in lens fiber cells. Mutations in this gene are the cause of autosomal recessive cortical juvenile-onset cataract. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]