

## Product datasheet for **RC212462L1V**

### Filamin C (FLNC) (NM\_001458) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Filamin C (FLNC) (NM_001458) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Filamin C
Synonyms:	ABP-280; ABP280A; ABPA; ABPL; CMH26; FLN2; MFM5; MPD4; RCM5
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001458
ORF Size:	8175 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212462).
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_001458.3</a> , <a href="#">NP_001449.3</a>
RefSeq Size:	9146 bp
RefSeq ORF:	8178 bp
Locus ID:	2318
UniProt ID:	<a href="#">Q14315</a>
Cytogenetics:	7q32.1
Protein Pathways:	Focal adhesion, MAPK signaling pathway
MW:	290.8 kDa



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**Gene Summary:**

This gene encodes one of three related filamin genes, specifically gamma filamin. These filamin proteins crosslink actin filaments into orthogonal networks in cortical cytoplasm and participate in the anchoring of membrane proteins for the actin cytoskeleton. Three functional domains exist in filamin: an N-terminal filamentous actin-binding domain, a C-terminal self-association domain, and a membrane glycoprotein-binding domain. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]