

## Product datasheet for **RC207366L4V**

### Profilin 2 (PFN2) (NM\_053024) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Profilin 2 (PFN2) (NM_053024) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Profilin 2
Synonyms:	D3S1319E; PFL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_053024
ORF Size:	420 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207366).
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_053024.2</a>
RefSeq Size:	2117 bp
RefSeq ORF:	423 bp
Locus ID:	5217
UniProt ID:	<a href="#">P35080</a>
Cytogenetics:	3q25.1
Domains:	PROF
Protein Families:	Druggable Genome



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**Protein Pathways:** Regulation of actin cytoskeleton

**MW:** 15 kDa

**Gene Summary:** The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described for this gene. [provided by RefSeq, Jul 2008]