

Product datasheet for **RC202338L4V**

Profilin 1 (PFN1) (NM_005022) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Profilin 1 (PFN1) (NM_005022) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Profilin 1
Synonyms:	ALS18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005022
ORF Size:	420 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202338).
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. More info
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:	NM_005022.2
RefSeq Size:	1365 bp
RefSeq ORF:	423 bp
Locus ID:	5216
UniProt ID:	P07737
Cytogenetics:	17p13.2
Domains:	PROF
Protein Families:	Druggable Genome, Stem cell - Pluripotency



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Protein Pathways: Regulation of actin cytoskeleton

MW: 15.1 kDa

Gene Summary: This gene encodes a member of the profilin family of small actin-binding proteins. The encoded protein plays an important role in actin dynamics by regulating actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome, and the encoded protein may also play a role in Huntington disease. Multiple pseudogenes of this gene are located on chromosome 1. [provided by RefSeq, Jul 2012]