

Product datasheet for **RC208793L4V**

C15orf38 (ARPIN) (NM_182616) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C15orf38 (ARPIN) (NM_182616) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C15orf38
Synonyms:	C15orf38
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182616
ORF Size:	678 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208793).
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_182616.1
RefSeq Size:	6114 bp
RefSeq ORF:	681 bp
Locus ID:	348110
UniProt ID:	Q7Z6K5
Cytogenetics:	15q26.1
MW:	24.9 kDa



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Gene Summary:

Regulates actin polymerization by inhibiting the actin-nucleating activity of the Arp2/3 complex; the function is competitive with nucleation promoting factors. Participates in an incoherent feedforward loop at the lamellipodium tip where it inhibits the ARP2/2 complex in response to Rac signaling and where Rac also stimulates actin polymerization through the WAVE complex. Involved in steering cell migration by controlling its directional persistence. [UniProtKB/Swiss-Prot Function]