

Product datasheet for **RC225095L4V**

Iba1 (AIF1) (NM_004847) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Iba1 (AIF1) (NM_004847) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AIF1
Synonyms:	AIF-1; IBA1; IRT-1; IRT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004847
ORF Size:	396 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225095).
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_004847.3 , NP_004838.1
RefSeq ORF:	399 bp
Locus ID:	199
Cytogenetics:	6p21.33
Protein Families:	Druggable Genome
MW:	14.4 kDa



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Gene Summary:

This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple transcript variants, but the full-length and coding nature of some of these variants is not certain. [provided by RefSeq, Jan 2016]