

## Product datasheet for **RC210358L2V**

### ART4 (NM\_021071) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ART4 (NM_021071) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ART4
Synonyms:	ARTC4; CD297; DO; DO/ART4; DOK1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_021071
ORF Size:	942 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210358).
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_021071.2</a>
RefSeq Size:	1386 bp
RefSeq ORF:	945 bp
Locus ID:	420
UniProt ID:	<a href="#">Q93070</a>
Cytogenetics:	12p12.3
Domains:	ART
MW:	35.9 kDa


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**Gene Summary:**

This gene encodes a protein that contains a mono-ADP-ribosylation (ART) motif. It is a member of the ADP-ribosyltransferase gene family but enzymatic activity has not been demonstrated experimentally. Antigens of the Dombrock blood group system are located on the gene product, which is glycosylphosphatidylinositol-anchored to the erythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reactions, are known. [provided by RefSeq, Jul 2008]