

## Product datasheet for **RC203056L4V**

### FAM162A (NM\_014367) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	FAM162A (NM_014367) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FAM162A
Synonyms:	C3orf28; E2IG5; HGTD-P
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014367
ORF Size:	462 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203056).
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_014367.3</a> , <a href="#">NP_055182.3</a>
RefSeq Size:	838 bp
RefSeq ORF:	465 bp
Locus ID:	26355
UniProt ID:	<a href="#">Q96A26</a>
Cytogenetics:	3q21.1
Protein Families:	Transmembrane
MW:	17.4 kDa



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**Gene Summary:**

Proposed to be involved in regulation of apoptosis; the exact mechanism may differ between cell types/tissues. May be involved in hypoxia-induced cell death of transformed cells implicating cytochrome C release and caspase activation (such as CASP9) and inducing mitochondrial permeability transition. May be involved in hypoxia-induced cell death of neuronal cells probably by promoting release of AIFM1 from mitochondria to cytoplasm and its translocation to the nucleus; however, the involvement of caspases has been reported conflictingly.[UniProtKB/Swiss-Prot Function]