

## Product datasheet for **RC201531L4V**

### **FAM50B (NM\_012135) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	FAM50B (NM_012135) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FAM50B
Synonyms:	D6S2654E; X5L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012135
ORF Size:	975 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201531).
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_012135.1</a>
RefSeq Size:	1618 bp
RefSeq ORF:	978 bp
Locus ID:	26240
UniProt ID:	<a href="#">Q9Y247</a>
Cytogenetics:	6p25.2
Domains:	XAP5
MW:	38.7 kDa



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**Gene Summary:**

This gene contains an intronless ORF that arose from ancestral retroposition. The encoded protein is related to a plant protein that plays a role in the circadian clock. This gene is adjacent to a differentially methylated region (DMR) and is imprinted and paternally expressed in many tissues. [provided by RefSeq, Nov 2015]