

Product datasheet for **RC219638L4V**

FAM123A (AMER2) (NM_199138) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FAM123A (AMER2) (NM_199138) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FAM123A
Synonyms:	FAM123A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_199138
ORF Size:	1656 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219638).
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_199138.1 , NP_954589.1
RefSeq Size:	2841 bp
RefSeq ORF:	1659 bp
Locus ID:	219287
UniProt ID:	Q8N7J2
Cytogenetics:	13q12.13
MW:	57.4 kDa


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Gene Summary:

Negative regulator of the canonical Wnt signaling pathway involved in neuroectodermal patterning. Acts by specifically binding phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P₂), translocating to the cell membrane and interacting with key regulators of the canonical Wnt signaling pathway, such as components of the beta-catenin destruction complex.
[UniProtKB/Swiss-Prot Function]