

Product datasheet for **RC209030L4V**

FENS1 (WDFY1) (NM_020830) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FENS1 (WDFY1) (NM_020830) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FENS1
Synonyms:	FENS-1; FENS1; WDF1; ZFYVE17
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020830
ORF Size:	1230 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209030).
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_020830.3
RefSeq Size:	4607 bp
RefSeq ORF:	1233 bp
Locus ID:	57590
UniProt ID:	Q8IWB7
Cytogenetics:	2q36.1
Domains:	FYVE, WD40
MW:	46.3 kDa



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Gene Summary:

The protein encoded by this gene is a phosphatidylinositol 3-phosphate binding protein, which contains a FYVE zinc finger domain and multiple WD-40 repeat domains. When exogenously expressed, it localizes to early endosomes. Mutagenesis analysis demonstrates that this endosomal localization is mediated by the FYVE domain. [provided by RefSeq, Jan 2015]