

Product datasheet for **RC203337L4V**

ZFYVE21 (NM_024071) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZFYVE21 (NM_024071) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZFYVE21
Synonyms:	HCVP7TP1; ZF21
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024071
ORF Size:	702 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203337).
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_024071.2
RefSeq Size:	1470 bp
RefSeq ORF:	705 bp
Locus ID:	79038
UniProt ID:	Q9BQ24
Cytogenetics:	14q32.33
Domains:	FYVE
MW:	26.5 kDa



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Gene Summary:

Plays a role in cell adhesion, and thereby in cell motility which requires repeated formation and disassembly of focal adhesions. Regulates microtubule-induced PTK2/FAK1 dephosphorylation, an event important for focal adhesion disassembly, as well as integrin beta-1/ITGB1 cell surface expression.[UniProtKB/Swiss-Prot Function]