Product datasheet for RC222534L4V

FIGN (NM_018086) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FIGN (NM_018086) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FIGN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018086
ORF Size:	2277 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222534).
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_018086.2
RefSeq Size:	4535 bp
RefSeq ORF:	2280 bp
Locus ID:	55137
UniProt ID:	Q5HY92
Cytogenetics:	2q24.3
Domains:	AAA
MW:	82 kDa

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Gene Summary: ATP-dependent microtubule severing protein. Severs microtubules along their length and depolymerizes their ends, primarily the minus-end, that may lead to the suppression of microtubule growth from and attachment to centrosomes. Microtubule severing may promote rapid reorganization of cellular microtubule arrays and the release of microtubules from the centrosome following nucleation. Microtubule release from the mitotic spindle poles may allow depolymerization of the microtubule end proximal to the spindle pole, leading to poleward microtubule flux and poleward motion of chromosome.[UniProtKB/Swiss-Prot Function]