

Product datasheet for **RC224249L4V**

FAN1 (NM_014967) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FAN1 (NM_014967) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FAN1
Synonyms:	hFAN1; KIAA1018; KMIN; MTMR15
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014967
ORF Size:	3051 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224249).
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_014967.3
RefSeq Size:	4835 bp
RefSeq ORF:	3054 bp
Locus ID:	22909
UniProt ID:	Q9Y2M0
Cytogenetics:	15q13.3
Domains:	ZnF_Rad18
MW:	114 kDa



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Gene Summary:

This gene plays a role in DNA interstrand cross-link repair and encodes a protein with 5' flap endonuclease and 5'-3' exonuclease activity. Mutations in this gene cause karyomegalic interstitial nephritis. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Feb 2016]