

Product datasheet for **RC223454L2V**

NUP54 (NM_017426) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NUP54 (NM_017426) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NUP54
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_017426
ORF Size:	1521 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223454).
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_017426.2
RefSeq Size:	2358 bp
RefSeq ORF:	1524 bp
Locus ID:	53371
UniProt ID:	Q7Z3B4
Cytogenetics:	4q21.1
MW:	55.3 kDa


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Gene Summary:

The nuclear envelope creates distinct nuclear and cytoplasmic compartments in eukaryotic cells. It consists of two concentric membranes perforated by nuclear pores, large protein complexes that form aqueous channels to regulate the flow of macromolecules between the nucleus and the cytoplasm. These complexes are composed of at least 100 different polypeptide subunits, many of which belong to the nucleoporin family. This gene encodes a member of the phe-gly (FG) repeat-containing nucleoporin subset. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2013]