

## Product datasheet for **RC209975L2V**

### **NUP50 (NM\_007172) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NUP50 (NM_007172) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NUP50
Synonyms:	NPAP60; NPAP60L
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_007172
ORF Size:	1404 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209975).
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. <a href="#">More info</a>
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:	<a href="#">NM_007172.3</a>
RefSeq Size:	5225 bp
RefSeq ORF:	1407 bp
Locus ID:	10762
UniProt ID:	<a href="#">Q9UKX7</a>
Cytogenetics:	22q13.31
Domains:	Ran_BP1
Protein Families:	Stem cell - Pluripotency



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**MW:** 50.1 kDa

**Gene Summary:** The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins that functions as a soluble cofactor in importin-alpha:beta-mediated nuclear protein import. Pseudogenes of this gene are found on chromosomes 5, 6, and 14. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]