

Product datasheet for **RC207001L4V**

NUP50 (NM_153645) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | NUP50 (NM_153645) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | NUP50 |
| Synonyms: | NPAP60; NPAP60L |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_153645 |
| ORF Size: | 1320 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC207001). |
| 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_153645.2 , NP_705931.1 |
| RefSeq Size: | 5051 bp |
| RefSeq ORF: | 1323 bp |
| Locus ID: | 10762 |
| UniProt ID: | Q9UKX7 |
| Cytogenetics: | 22q13.31 |
| Protein Families: | Stem cell - Pluripotency |
| MW: | 46.9 kDa |



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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]