

## Product datasheet for RC215727L3V

### NUFIP1 (NM\_012345) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | NUFIP1 (NM_012345) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | NUFIP1   |
| Synonyms:                 | bA540M5.1; NUFIP; Rsa1   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_012345  |
| ORF Size:                 | 1485 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC215727).   |
| 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_012345.1</a>  |
| RefSeq Size:              | 3463 bp  |
| RefSeq ORF:               | 1488 bp  |
| Locus ID:                 | 26747  |
| UniProt ID:               | <a href="#">Q9UHK0</a>   |
| Cytogenetics:             | 13q14.12   |
| Domains:                  | zf-C2H2  |
| MW:                       | 56.1 kDa   |


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**Gene Summary:**

This gene encodes a nuclear RNA binding protein that contains a C2H2 zinc finger motif and a nuclear localization signal. This protein is associated with the nuclear matrix in perichromatin fibrils and, in neurons, localizes to the cytoplasm in association with endoplasmic reticulum ribosomes. This protein interacts with the fragile X mental retardation protein (FMRP), the tumor suppressor protein BRCA1, upregulates RNA polymerase II transcription, and is involved in box C/D snoRNP biogenesis. A pseudogene of this gene resides on chromosome 6q12. [provided by RefSeq, Feb 2012]