

## Product datasheet for **RC210530L3V**

### MORC3 (NM\_015358) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | MORC3 (NM_015358) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                                       |
| Symbol:                   | MORC3                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms:                 | NXP2; ZCW5; ZCWCC3                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Mammalian Cell Selection: | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tag:                      | Myc-DDK                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ACCN:                     | NM_015358                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ORF Size:                 | 2817 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC210530).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_015358.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RefSeq Size:              | 4246 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 2820 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 23515                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:               | <a href="#">Q14149</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 21q22.12                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MW:                       | 107 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                            |



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**Gene Summary:**

This gene encodes a protein that localizes to the nuclear matrix and forms nuclear bodies via an ATP-dependent mechanism. The protein is predicted to have coiled-coil and zinc finger domains and has RNA binding activity. Alternative splicing produces multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Feb 2016]