

## Product datasheet for **RC206204L4V**

### ELL2 (NM\_012081) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | ELL2 (NM_012081) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | ELL2   |
| Synonyms:                 | MRCCAT1  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_012081  |
| ORF Size:                 | 1920 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC206204).   |
| 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_012081.3</a>  |
| RefSeq Size:              | 6063 bp  |
| RefSeq ORF:               | 1923 bp  |
| Locus ID:                 | 22936  |
| UniProt ID:               | <a href="#">O00472</a>   |
| Cytogenetics:             | 5q15   |
| Protein Families:         | Transcription Factors  |
| MW:                       | 72.4 kDa   |



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**Gene Summary:**

Elongation factor component of the super elongation complex (SEC), a complex required to increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA. Component of the little elongation complex (LEC), a complex required to regulate small nuclear RNA (snRNA) gene transcription by RNA polymerase II and III (PubMed:22195968). Plays a role in immunoglobulin secretion in plasma cells: directs efficient alternative mRNA processing, influencing both proximal poly(A) site choice and exon skipping, as well as immunoglobulin heavy chain (IgH) alternative processing. Probably acts by regulating histone modifications accompanying transition from membrane-specific to secretory IgH mRNA expression. [UniProtKB/Swiss-Prot Function]