

## Product datasheet for **RC221859L4V**

### **GTF2A1 (NM\_201595) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | GTF2A1 (NM_201595) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | GTF2A1   |
| Synonyms:                 | TF2A1; TFIIA; TFIIA-42; TFIIAL   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_201595  |
| ORF Size:                 | 1131 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC221859).   |
| 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_201595.1</a> , <a href="#">NP_963889.1</a>  |
| RefSeq Size:              | 5956 bp  |
| RefSeq ORF:               | 1014 bp  |
| Locus ID:                 | 2957   |
| UniProt ID:               | <a href="#">P52655</a>   |
| Cytogenetics:             | 14q31.1  |
| Protein Families:         | Transcription Factors  |
| Protein Pathways:         | Basal transcription factors  |



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**MW:** 41.5 kDa

**Gene Summary:** Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and several general initiation factors (summarized by DeJong and Roeder, 1993 [PubMed 8224848]). One of these factors is TFIIA, which when purified from HeLa extracts consists of 35-, 19-, and 12-kD subunits.[supplied by OMIM, Jul 2010]